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CATALOGUE

OF

THE DESCRIBED DIPTERA

FROM

SOUTH ASIA

BY

F. M. VAN DER WULP

PUBLISHED BY THE DUTCH
ENTOMOLOGICAL SOCIETY

THE HAGUE
MARTINUS NIJHOFF
1896

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FROM

SOUTH ASIA.

DE 'S-GRAVENHAAGSCHE BOEK- EN HANDELSDRUKKERIJ
VOORHEEN GEBR. GIUNTA D'ALBANI.

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PREFACE.

Already long since I had prepared, for my own use, a list of South-Asiatic Diptera and intended to publish it at some time, thinking others might also profit by it in their studies.

A similar work, however, was published a few years ago by the late J. M. F. Bigot, in the *Journal of the Asiatic Society of Bengal*, vol. LX (1891) and LXI (1892), entitled: «Catalogue of the Diptera of the oriental region». At first sight, I thought that it now was useless to send my own work to the press, but after a more careful examination of Bigot's Catalogue, I found in it so many omissions and inaccuracies, that I thought it quite insufficient for its purpose.

Bigot has overlooked several papers, in which eastern Diptera are described. Save some rare exceptions, the species of Walker in vol. II to VIII of the *Proceedings of the Linnean Society at London* are wanting in his Catalogue; also those described by Doleschall in vol. XIV and XVII of the *Natuurkundig Tijdschrift voor Nederlandsch Indië*; the greater part of the species published by Baron Osten Sacken in the *Annali del Museo civico di Genova*, vol. XVI, and in the *Berliner Entomologische Zeitschrift*, vol. XXVI; and many of my descriptions in the *Tijdschrift voor Entomologie* and in the *Notes from the Leyden Museum* [1]). Sometimes he has even neglected species, published by himself in the *Annales de la Société Entomologique de France* or elsewhere.

On the other hand Bigot has often mentioned the same species more than once, mostly in different genera. For instance, in

1) Bigot, however, was in the possession of separata of all these papers, which is proved at the public sale of his library.

vol. LX, p. 256: *Tipula javensis* Dol., which some lines before was recorded as a synonym to *Pachyrhina Doleschalli* Ost. Sack.; — p. 277: *Stratiomys viridana* Wied. and on the same page once more in the genus *Odontomyia*; — p. 278: *Rhaphiocera spinithorax* Macq., which on p. 273 was already notified as synonym to *Clitellaria bivittata* Wied.; — p. 279: *Sargus brevipennis* Rond. in *Ptecticus* and on p. 280 again in *Sargus*. — In vol. LXI, p. 135: *Dasypogon scatophagoides* Walk. in *Dasypogon* and on p. 138 in *Cyrtopogon*; — p. 142: *Trupanea bifasciata* Macq. in *Promachus* and p. 143 in *Trupanea*; — p. 142: *Asilus agnitus* Wied. in *Philodicus* and p. 144 in *Trupanea*; — p. 149: *Acurana 6-fasciata* Walk. and p. 148 as a synonym to *Laxenecera albibarbis* Macq.; — p. 179: *Duvauceelia bicincta* Rob. Desv. in *Gonia* and p. 192 in *Duvauceelia*; — p. 189: *Catapicephala splendens* Macq. and once more on p. 196; — p. 193: *Idia fulvipes* Big. in *Rhinia* and p. 194 in *Idia*. The genus *Cynomyia* is mentioned on p. 190 with three species and again on p. 196 with two species.

In the systematical arrangement Bigot has sometimes made striking errors. In vol. XL, p. 261, the genus *Mongoma* (fam. Tipulidae) is enumerated with three species, not belonging to that genus, but to the genus *Libnotes*, which immediately is preceeding, and on the following page *Mongoma pennipes* Ost. Sack. (a true *Mongoma*) is quite wrongly brought in the genus *Mycetophila*! — In vol. LXI, p. 229, *Coelopa orientalis* Macq. is ranged in the fam. Sapromyzidae, and once again on p. 233 in the fam. Chloropsidae; in both cases it is misplaced, as the genus *Coelopa* belongs to the Borboridae. On p. 232 *Phora* (*Trineura*) *peregrina* Wied. is brought in the fam. Drosophilidae, whilst the fam. Phoridae and the genus *Phora*, into which it belongs, are mentioned on p. 234.

It would not be difficult to indicate still more inaccuracies in Bigot's Catalogue, but what I have said will be sufficient to justify the publication of my own catalogue. Though I expect that my labour will also contain imperfections and omissions, it will at all events give a more complete compendium of the Dipterous insects of South Asia, which at present are known.

I am much indebted to my highly respected friend Baron C. R. Osten Sacken, who has been so kind as to review the manuscript of my work, especially with respect to the Nemocera and the first families of Brachycera (Stratiomyidae, Tabanidae, etc.). As he has examined numerous types in the first rate public museums and private collections in Europe, he was able to point out to me some omissions or confusions about nomenclature and synonymy, which has led to many completions and corrections.

The present Catalogue has by no means any claim to be an example of the systematical arrangement of Dipterous insects. In the succeeding series of the families and groups I have only followed the method, which at present most generally is adopted. The series, in which the genera are placed, are still less to be considered as representing any natural relationship to another, which in many cases is difficult, if not impossible to state.

In the genera, which contain more than one species, these latter are enumerated in a series according to the date of their publication.

Indications of synonyms, so far as they are known to me, have been noted; and where a generic name was preoccupied or a specific name was already used in the same genus, I have mentioned this fact, leaving to a future author or monographer, to replace the most recent name by a new one.

The geographical extension, observed in the Catalogue, includes the southern part of China, the two large peninsules of India with Ceylon and other neighbouring islands, the Malayan archipelago, the Philippine islands and New Guinea. Species of the north of China and of Japan are thus omitted.

REVIEW OF THE LITERATURE OF ORIENTAL DIPTEROLOGY.

At the time of Linnaeus the knowledge concerning exotic Diptera was very limited. Only a few species, mostly from America, are recorded in the last editions of the *Systema Naturae*, none from Asia.

A result of Linnaeus' works was, that Zoology became more and more scientifically cultivated. Zoological museums raised everywhere, and soon this science increased so much, that it was almost impossible for a single person, to embrace it in its whole extent, unless he contented himself with generalities. For a more special study restriction to any part of it was necessary, and Entomology soon commenced to be a matter of serious study. Fabricius and Latreille stand foremost in the ranks of special entomologists. De Geer, Scopoli, Schrank, Réaumur, Panzer and others may also be mentioned, but most of these latter treated exclusively of European insects.

J. C. Fabricius described in his subsequent labours (1775—1805) a large number of Diptera from all parts of the world, but his descriptions are often not sufficient to recognize the species with certainty, and his systematic arrangement is defective, because he has paid a too exclusive attention to the characters derived from the shape of the mouth-parts.

Nearly in the same time and some years later P. A. Latreille wrote his entomological works (1796—1829). They were of a much more systematical value than those of Fabricius and con-

tain many new (also dipterous) genera, but no new species of Asiatic Diptera.

Gradually Entomology in its turn furnished such an immense field of labour, that most entomologists of latter times chose some order of insects for their special studies, and authors who were occupied with the science in all its extension, more and more became rare. Among our contemporaries such general entomologists were, for instance, Prof. Westwood in Oxford and Snellen van Vollenhoven in Holland.

Study of Lepidoptera and Coleoptera was mostly preferred, but also the other orders of insects soon found their special cultivators.

As to the Diptera, a list of eminent authors: Meigen, Wiedemann, Macquart, Zetterstedt and several others, may be remembered here.

J. W. MEIGEN may be considered as the father of Dipterology. His *Klassification und Beschreibung der europäischen zweiflüglichen Insecten* (1804) was the first book exclusively on Dipterous insects. A year before he had established several new Dipterous genera in vol. II of Illiger's *Magazin für Insektenkunde*, and some years later appeared his *Systematische Beschreibung der europäischen zweiflüglichen Insecten.* Meigen's works, though limited to the European forms, are still of important value for the systematical arrangement, as he commenced to give attention to the nervation of the wings, which carefully is represented in many of his figures.

C. R. W. WIEDEMANN, likewise a special Dipterologist, was the first author, in whose works exclusively were treated exotic Diptera. In different writings (1817—1824) and especially in his *Aussereuropäische zweiflügliche Insecten* (1828—30) he published a large number of exotic forms. In the last named work he intended to give an accomplishment of Meigen's *Systematische Beschreibung*, which at that time had opened a new period for Dipterology. Evidently Wiedemann has given himself much pains to make his labour as perfect as possible. He therefore examined, besides his own collection and those of Westermann and von Winthem, the museums in Berlin, Frankfurt a. M., Kopenhague and Leyden, which were

successively enriched with numerous Diptera from different regions. His elucidations about the typical species of Fabricius are of great value; his descriptions and figures (the latter drawn by Meigen) are generally satisfactory and enable us to recognize the objects. Moreover many types of Wiedemann's species are still preserved in different museums, especially in that of Vienna, which contains the ancient collections of von Winthem and Wiedemann himself, and where, in doubtful cases, elucidations may be obtained.

Among the special Dipterologists must further be mentioned J. Macquart. He commenced with the study of only indigene forms and published (1826—33) a series of papers entitled: *Insectes Diptères du nord de la France;* afterwards (1834—35) *Histoire naturelle des Insectes Diptères* (being a part of the great French work *Suites à Buffon*), which labour also contains a certain number of exotic species. Since that time Macquart seems to have made a nearly exhaustive study of the exotic forms, on which he published a copious work: *Diptères exotiques nouveaux ou peu connus*, 2 vols. (1838—42) with 83 plates, and five supplements on it (1846—55) with 68 plates. In it numerous species of different parts of the world and many new genera are revealed; the descriptions, however, for the greater part are superficial and the figures are inexact and often lead to the suspicion that they are drawn perhaps more after defective descriptions than after the natural specimens. Notwithstanding these imperfections Macquart's work is in many cases an authority.

It is useless to mention here J. W. Zetterstedt's *Diptera Scandinaviae*, 14 volumes (1842—60), though highly interesting for the knowledge of European species, as this author has published nothing regarding exotic forms.

J. B. Robineau Desvoidy published several works on Dipterology, and especially the large family of Muscidae has been a subject of his studies. In his *Essai sur les Myodaires* (1830) he described numerous species, among which some exotic ones, and established a great many new genera. He almost always neglected what earlier authors had done; besides his descriptions are short and superficial, nor are they elucidated by figures. Hence his

work was for a long time generally passed in silence; sometimes, however, it became clear that his views on generic separations were just, and since several of his genera have been adopted.

F. Walker has given a list of the Dipterous insects in the British museum, 7 vols. (1848—55); in vol. I—IV the whole order is treated. Vol. V—VII are a supplement, at least for some families and contain short analytical tables for the distinction of the genera and species, the latter separately from the different parts of the world. It seems that all the species, known at that time, are included there, though it cannot be admitted that they all are represented in the museum, as it may be deduced from the title of the work. From Walker's *Diptera Britannica* (London, 1851—56) it is needless to speak here. His *Diptera Saundersiana* on the contrary contain more than 700 descriptions of exotic Diptera, with several characteristic figures by Prof. Westwood. Numerous Asiatic species of Diptera, among which those collected by Wallace on his travels in the Indian archipelago, are described by Walker in the *Proceedings of the Linnean Society at London*. Walker's descriptions are generally superficial and often inexact.

Professor J. O. Westwood, though a general entomologist, has written many papers on Diptera, exhibiting his talent of making the objects intelligible.

Professor H. Löw was at once one of the most learned and of the most active authors on Dipterology. His numerous papers, for the greater part published in different scientific periodicals, are indispensable to every one who studies this branch of science. Besides the European Diptera, he has done much to advance the knowledge of the Dipterous fauna of North America and that of South Africa. It is a pity that Asiatic Diptera have seldom been a subject of his inquiries: only in a few papers he has described some of them.

A most excellent Dipterologist was Dr. J. R. Schiner. His *Fauna Austriaca* (Diptera), 2 vols. (1862—64) is a classic work, still a valuable manuel for students in Dipterology. As to exotic forms of Diptera, besides several papers in the *Verhandlungen*

der Zoolog. Botanischen Gesellschaft in Wien, Schiner's *Diptera der Novara-Reise* (1868) contains a large number of new species and interesting notes on the systematical arrangement. Urged on by the Austrian government the frigate Novara made a voyage round the world for scientifical purposes and brought home immense zoological and also entomological collections, which were worked out by specialities, the Diptera by Schiner.

Similar scientific travels were more than once undertaken by different nations and gave occasion to the publication of the zoological results, in which mostly the insects and also the Diptera found a place. Among them we may mention here: Voyage de l'Astrolabe, the entomology by Boisduval; Kongl. Svenska fregatten Eugenies Resa, the Diptera by C. G. Thomson; and the Netherland expedition to central Sumatra, the Diptera worked out by myself.

A Dipterologist, who wrote on Malayan forms, was C. L. Doleschall, a native of Austria and military physician in Dutch service. Besides some articles concerning Araneidae, he published three papers in the *Natuurkundig Tijdschrift voor Nederl. Indië* about Diptera from Java and Amboina. His descriptions are short and not very satisfactory, but the first and second of these papers are accompanied by a series of figures. To the third paper no figures are added, but there exist original and coloured drawings of the author himself, which are relative to the descriptions in that paper and which in doubtful cases may be consulted. These drawings were some years ago in the possession of Snellen van Vollenhoven, to whom they were given by von Rosenberg, a contempary and friend of Doleschall; at the public sale of Vollenhoven's library they came into the hands of Mr. J. Puls in Gent (Belgium). Two very accurate copies of them are prepared, one of which is in the possession of Baron Osten Sacken in Heidelberg, the other in the library of the Dutch Entomological Society at Leyden. Some of the typical specimens, collected by Doleschall, are in the Imperial Museum at Vienna.

C. Rondani, well known by his standardwork: *Dipterologiae Italicae Prodromus*, also published several papers on exotic Diptera

in different periodicals, and among them many species from the South-Asiatic regions.

A Dipterologist of recent times was J. M. F. Bigot in Paris. He possessed a very extended collection of exotic Diptera, which after his death (in 1892) has come into the hands of Mr. G. H. Verrall in England. Bigot wrote much on Dipterology, especially in the *Annales de la Société Entomologique de France*; numerous species were described and many new genera were established by him. Moreover he attempted to make systematical arrangements. His works, however, often show a want of exactness, and those, who will make use of them, must take care to do it with circumspection.

Among the still living Dipterologists, who wrote papers on South-Asiatic Diptera, we may give a first place to Baron C. R. Osten Sacken. Besides many works, in which he has contributed much to the knowledge of the Dipterous fauna of North America and to the systematic of the Tipulidae, he has most carefully worked out, in the *Annali del Museo civico di Genova*, the Diptera, collected by Prof. O. Beccari and others in the Malayan archipelago and, in the *Berliner Entomol. Zeitschrift*, a large collection made by Semper on the Philippine islands.

Professor F. Brauer, in several papers, entitled: *Die Zweiflügler des Kais. Museums in Wien*, has elucidated numerous types in that Museum. The most recent of these papers, in which J. E. von Bergenstamm is mentioned as collaborator, concern the family of Muscidae calypterae (which they call Muscaria schizometopa). In this highly important labour the faults of the hitherto adopted systematical arrangement of this large and difficult family are clearly brought to light; attention is given to some characters, which till now had been neglected; and numerous, perhaps too many, new genera are established; besides several new species, among which some of southern Asia, are described by the authors. The study, however, of this labour is not easy.

Finally mention should be made of F. Jaennicke, who has elucidated many of the exotic Diptera in the museums of Frankfurt a. M.

and Darmstadt; V. von Röder, who in different papers has made interesting remarks on Dipterology and has described several new species; E. E. Austen, who very recently gave the results of his studies on the Syrphidae in the British museum; and E. H. Rübsaamen, who has described some Asiatic Sciarinae from the museum in Berlin.

In the following «Bibliographical List» all the works and papers, which I have consulted in compiling my Catalogue, are mentioned.

BIBLIOGRAPHICAL LIST.

Austen (E. E.). — Description of new species of Dipterous insects of the family Syrphidae, with 2 plates (Proceedings of the Zoological Society at London, 1893, p. 132).

Audinet-Serville, — see Pelletier (le

Becher (E.). — *Simulium indicum* (Journal of the Asiatic Society of Bengal, LIII, 1886, p. 199).

—— *Tricolyga Bombycis* w. a. plate (Indian Museum Notes, I, 1889, p. 77).

Bergenstamm (J. E. von), — see Brauer.

Bigot (J. M. F.). — Dipterorum aliquot nova genera, w. a. pl. (Revue et Magazin de Zoologie, 1859, p. 305).

—— Essai d'une classification générale et synoptique de l'ordre des insectes Diptères (Annales Société Entomol. de France, 2. sér. V, 1859, p. 201).

—— Nouveau genre et nouvelle espèce de Diptères (Ann. Soc. Ent. de France, 4. sér. VI, 1866, p. 201).

—— Diptères nouveaux ou peu connus, I. Sur le genre *Diopsis* (Ann. Soc. Ent. de France, 5. sér. VI, 1874, p. 107).

—— Diptères nouveaux ou peu connus, III. *Idia*, *Rhinia*, *Cosmina* etc. (Ann. Soc. Ent. de France, 5. IV, 1874, p. 235).

—— Diptères nouveaux ou peu connus, IV. Genres *Rutilia* et *Formosia*, w. a. plate (Ann. Soc. Ent. de France, 5. IV, 1874, p. 451).

—— Diptères nouveaux ou peu connus, V. Asilides exotiques nouveaux (Ann. Soc. Ent. de France, 5. V, 1875, p. 237).

—— Diptères nouveaux ou peu connus, VI. Espèces exotiques nouvelles des genres *Sphixea* et *Volucella* (Ann. Soc. Ent. de France, 5. V, 1875, p. 469).

Bigot (J. M. F.). — Diagnoses of new species of *Ommatius* (Ann. Soc. Ent. de France, 5. VII, 1877, Bulletin, p. XLI).

—— Diagnoses of new genera of Diptera (Ann. Soc. Ent. de France, 5. VII, 1877, Bulletin, p. LXXIII).

—— Diptères nouveaux ou peu connus, IX. Genres *Somomyia*, *Lucilia*, *Calliphora* etc. (Ann. Soc. Ent. de France, 5. VII, 1877, p. 35).

—— Diptères nouveaux ou peu connus, X. Genres *Somomyia* etc., Suite (Ann. Soc. Ent. de France, 5. VII, 1877, p. 253).

—— Diptères nouveaux ou peu connus, XII. Genres *Phumosia*, *Pyrellia*, *Cosmina* etc. (Ann. Soc. Ent. de France, 5. VIII, 1878, p. 31).

—— Diptères nouveaux ou peu connus, XV. Tribu des Asilides, Curies des Laphridi et Dasypogonidae (Ann. Soc. Ent. de France, 5. VIII, 1878, p. 213 et 401).

—— Diptères nouveaux ou peu connus, XVI. Curiae Xylophagidarum et Stratiomydarum (Ann. Soc. Ent. de France, 5. IX, 1879, p. 183).

—— Diptères nouveaux ou peu connus, XVIII. Genres *Plagiocera*, *Formosia* et *Rutilia* (Ann. Soc. Ent. de France, 5. X, 1880, p. 85).

—— Diptères nouveaux ou peu connus, XIX. Diopsidae (Ann. Soc. Ent. de France, 5. X, 1880, p. 90).

—— Diptères nouveaux ou peu connus, XXI. Syrphides, genre *Eristalis* (Ann. Soc. Ent. de France, 5. X, 1880, p. 213).

—— Diptères nouveaux ou peu connus, XXV. Diagnose d'un nouveau genre (*Atopognathus*). (Ann. Soc. Ent de France, 6. 1, 1881, p. 24).

—— Diagnoses of new genera and species of Syrphidae (Ann. Soc. Ent. de France, 6. II, 1882, Bulletin, p. CXXI, CXXVIII, CXXXVI).

—— Diptères nouveaux ou peu connus, XXIX. Genres *Roeselia*, *Actia*, *Melia*, *Phytomyptera* et tribu des Anthomyzides (Ann. Soc. Ent. de France, 6. II, 1882, p. 5).

Bigot (J. M. F.). — Diptères nouveaux ou peu connus, XXXII. Syrphides, 1e partie (Ann. Soc. Ent. de France, 6. III, 1883, p. 221).

—— Idem, idem, 2e partie (Ann. Soc. Ent. de France, 6. III, 1883, p. 315).

—— Idem, idem, 3e partie (Ann. Soc. Ent. de France, 6. IV, 1884, p. 73).

—— Idem, idem, 2e partie II (Ann. Soc. Ent. de France, 6. IV, 1884, p. 535).

—— Diptères nouveaux ou peu connus, XXXIII. Anthomyzides nouvelles (Ann. Soc. Ent. de France, 6. IV, 1884, p. 263).

—— Diagnoses of new genera of Diptera (Ann. Soc. Ent. de France, 6. V, 1885; Bulletin, p. xi, xxv, xxxii, xliv, liv, clxv, clxxiii and cci).

—— Diptères nouveaux ou peu connus, XXXV. Anomalocerati (Pupipares). (Ann. Soc. Ent. de France, 6. V, 1885, p. 225).

—— Diptères nouveaux ou peu connus, XXXVI. Syrphides (Ann. Soc. Ent. de France, 6. V, 1885, p. 247).

—— Diagnoses of new genera and species of Diptera (Ann. Soc. Ent. de France, 6. VI, 1886, Bulletin, p. xiii).

—— Diptères nouveaux ou peu connus, XXXVII, Part I. Tanypezidi (Ann. Soc. Ent. de France, 6. VI, 1886, p. 287).

—— Idem, XXXVII, Part II. Tanypezidi (Suite). (Ann. Soc. Ent. de France, 6. VI, 1886, p. 369).

—— Remark on the genus *Eniconeura* Macq. (Ann. Soc. Ent. de France, 1887, Bulletin, p. lx).

—— Diptères nouveaux ou peu connus, XXXIX. Description de nouvelles espèces de Stratiomydi et de Conopsidi (Ann. Soc. Ent. de France, 1887, p. 20).

—— Diptères nouveaux ou peu connus. Leptidi. (Bulletin Société Zoologique de France, XII, 1887, p. 97).

—— Diptères nouveaux ou peu connus. Muscidi (Bulletin Société Zoologique de France, XII, 1887, p. 581).

Bigot (J. M. F.). — Diagnose of a new genus and species of Diptera (Ann Soc. Ent. de France, 1888, Bulletin, p. CXL).

—— Diptères nouveaux ou peu connus, XLI. Tachinidae (Ann. Soc. Ent. de France, 1888, p. 77; to compare the Errata in Bull., p. CVI).

—— Diptères nouveaux ou peu connus, XLII. Diagnoses de nouvelles espèces (Ann. Soc. Ent. de France, 1888, p. 253).

—— Diptères nouveaux ou peu connus, XLII *bis*. Empidi (Ann. Soc. Ent. de France, 1889, p. 111).

—— Diptères nouveaux ou peu connus, XLIV. Therevidi (Ann. Soc. Ent. de France, 1889, p. 321).

—— Diptères nouveaux ou peu connus, XLV. Dolichopodi (Ann. Soc. Ent. de France, 1890, p. 261).

—— A new species of Diptera in the collection of the Indian Museum (*Dilophus graciosus*). (Journal of the Asiatic Society of Bengal, LIX, 1890, p. 265).

—— New species of Indian Diptera (Indian Museum Notes, I, 1890, p. 191).

—— The Baluchistan Melon-fly (*Carpomyia pardalina*). (Indian Museum Notes, II, 1891, p. 51).

—— Collection d'insectes formée dans l'Indo-Chine par M. Pavie. Diptères de Laos (Nouvelles Archives du Muséum, 1891, p. 203).

—— Diptères nouveaux ou peu connus; genre *Haematopota* (Bull. Soc. Zoolog. de France, XVI, 1891, p. 74).

—— Catalogue of the Diptera of the oriental region. (Journal of the Asiatic Society of Bengal, LX, 1891, p. 250, and LXI, 1892, p. 133).

—— Diptères nouveaux ou peu connus, XLVI. Bombylidae (Ann. Soc. Ent. de France, 1892, p. 321).

—— Description de trois nouveaux Diptères de l'Inde (Bulletin Société Zoologique de France, XVII, 1892, p. 210).

—— Description de Diptères nouveaux (Mémoires Société Zoologique de France, 1892, p. 602).

Bigot (J. M. F.). — Nova genera Dipterorum (Wiener Entomol. Zeitschrift, XI, 1892, p. 161).

Boisduval (J. A.). — Voyage de l'Astrolabe. The Entomology under the title: Faune entomologique de l'Océan Pacifique, 2 vol. 8vo, Paris, 1832—35.

Bouché (P. F.). — Naturgeschichte der Insekten, besonders in Hinsicht ihrer ersten Zustände als Larven und Puppen. w. pl. Berlin, 1834.

Brauer (F.). — *Therobia*, eine neue Gattung aus der Familie der Oestriden (Verhandlungen der Zoolog. botanischen Gesellschaft in Wien, XII, 1862, p. 1231)

—— Die Zweiflügler des Kaiserlichen Museums in Wien. II. Versuch einer Characteristiek der Gattungen der Notacanthen etc. (Denkschriften der Kais. Academie der Wissenschaften in Wien, XLIV, 1882, p. 59).

—— (with J. E. von Bergenstamm). — Die Zweiflügler etc. IV. Muscaria Schizometopa (excl. Anthomyidae). Pars I, w. 11 plates (Denkschriften uts. LVI, 1889, p. 69).

—— Idem. — Die Zweiflüger etc. V. Muscaria Schizometopa (excl. Anthomyidae) Pars II. (Denkschriften uts. LVIII, 1891, p. 305).

—— Idem. — Die Zweiflügler etc. VI. Muscaria Schizometopa (excl. Anthomyidae) Pars III. (Denkschriften uts. LX, 1893, p. 89).

—— Idem. — Die Zweiflügler etc. VII. Muscaria Schizometopa (excl. Anthomyidae) Pars IV (Denkschriften uts. LXI, 1894, p. 537).

Brème (Marq. F. de). — Note sur le genre *Ceratitis* M. Leay (Ann. Soc. Ent. de France, XI, 1842, p. 183).

Brullé (A). — The entomological part in the work of the scientifical Commission for the exploration of Morea. Paris, 1832.

Castelnau. — see Laporte (de

Clark (B.). — Observations on the genus *Oestrus* (Transact. Linn. Soc. Lond. III, 1797).

—— An Essay on the Bots of Horses and other animals. 4to, w. pl. London, 1815.

Dalman (J. W.). — On *Diopsis* (Analecta Entomol. 1823).

Degeer. — see Geer (de

Delaporte. — see Laporte (de

Desvoidy. — see Robineau Desvoidy.

Doleschall (C. L.). — Eerste Bijdrage tot de kennis der Dipterologische fauna van Nederl. Indië, w. 12 pl. (Natuurk. Tijdschr. van Nederl. Indië, X, 1856, p. 403).

—— Tweede Bijdrage idem, w. 10 pl. (l. c. XIV, 1857, p. 377).

—— Derde Bijdrage idem (l. c. XVII, 1858—59, p. 77).

See with regard to the figures belonging to the « Derde Bijdrage » p. 8 above.

Duméril (A. M. C.). — Exposition d'une méthode naturelle pour la classification et l'étude des insectes. 4to. Paris, an IX (1798).

Duncan (J.). — Characters and Description of the Dipterous insects indigenous to Britain (Magazin of Zoology and Botany, I, 1837, p. 145).

Eschscholtz (J F.). — Entomographien. 8vo, w. 2 pl. Berlin, 1823.

A translation of this work appeared in Paris, 1835, under the title: « Oeuvres entomologiques de Eschscholtz ». I have quoted the French edition.

Fabricius (J. C.). — Systema Entomologiae, Flensburg, 1775 (The Diptera p. 746 and foll.).

—— Species Insectorum, Hamburg, 1781, 2 vol. (Diptera vol. II, p. 398 and foll.).

—— Mantissa Insectorum, Hafniae, 1787, 2 vol. (Diptera vol. II, p. 321 and foll.).

—— Entomologia systematica emendata et aucta, Hafniae, 1792—94, 4 vol. (Diptera vol. IV, p 230 and foll.)

—— Idem, Supplementum, Hafniae, 1798.

—— Systema Antliatorum. Brunsvigae, 1805.

Fallen (C. F.). — Diptera Sueciae, 4to. Lund, 1814—23.

This work has been published in several parts:

1814. Asilidae, Anthracides.

1815. Platypezidae, Bombylarii, Empidae.

1816—17. Syrphici.

1817. Stratiomydae, Tabanii, Xylophagei, Scenopini, Conopsarii.

1819. Scatomyzides.

1820. Heteromyzides, Opomyzides, Ortalides, Oscinides, Rhinomyzides, Sciomyzides.

1823. Agromyzides, Hydromyzides, Geomyzides.

FALLEN (C. F.). — Monographia Muscidum Sueciae. 4to. Lund, 1820—25.

—— Monographia Dolichopodum Sueciae. 4to. Lund, 1823.

FRAUENFELD (G. RITTER VON). — Ueber eine neue Fliegengattung: *Raymondia*, aus der Familie der Coriaceen, w. a. pl. (Sitzungs-Berichte der K. Acad. der Wissensch. in Wien, XVIII, 1855, p. 328).

—— Zoologische Miscellen, XI (Verhandl. Zool. bot. Ges. Wien, XVII, 1867, p. 425).

GEER (K. DE). — Mémoires pour servir à l'histoire des Insectes. 7 vol. 4to w. pl. Stockholm, 1752—78 (The Diptera in vol. VI).

The original edition is very rare, but there exists a German traduction by J. A. E. Götze, entitled: Abhandlungen zur Geschichte der Insecten, Nürnberg, 1778—83.

The original edition is quoted in my Catalogue.

GEOFFROY (E. L.). — Histoire abrégée des insectes. 2 vol. 4to, w. pl. Paris, 1764.

GERSTÄCKER (A.). — Beitrag zur Kenntniss exotischer Stratiomyden. w. pl. (Linnaea Entomologica, XI, 1857, p. 261).

—— Beschreibung einiger ausgezeichneten neuen Diptera aus der Familie Muscariae, w. pl. (Stettiner Entomol. Zeitung, 1860, p. 163).

GIGLIOLI (S.). — On *Polyctenes* (Nycteribiae). (Quarterly Journal of microscopical science, IV, 1864).

GIMMERTHAL (B. A.). — Erster Beitrag zu einer künftig zu bearbeitenden Dipterologia Ruslands (Bulletin de la Société des Naturalistes de Moscou, 1845, p. 287).

GRAY (G. R.). — in E. Griffith, The Animal Kingdom arranged in conformity with its organization, by the Baron Cuvier. 8vo, w. pl. London, 1824—33.

The insects in vol. XIV and XV (the new species by Gray).

Guérin-Méneville (F. E.). — Voyage autour du monde sur la corvette la Coquille. Zoologie, 2 vol. 4to et atl. de pl. Paris, 1826—30.

—— Iconographie du règne animal de G. Cuvier. 7 vol. 8vo. Paris, 1829—44.

—— Note monographique sur le genre de Muscides auquel M. Robineau Desvoidy a donné le nom de *Rutilia* etc. (Revue Zoologique, 1843, p. 262).

Guillou (E. J. F. le). — Description de sept Diptères nouveaux, recueillis pendant le voyage autour du monde de l'Astrolabe et la Zélée. (Revue Zoolog., 1842, p. 314).

Haliday (A. H.). — Catalogue of Diptera occurring about Holywood in Downshire (Entomological Magazine, I, 1833, p. 147).

Hardwicke (Th.). — Description of new insects from Nepaul (Transact. Linn. Soc. Lond. XIV, p. 131).

Herrich Schäffer. — see Panzer.

Jaennicke (F.). — Neue exotische Dipteren aus dem Museum zu Frankfurt a. M. und Darmstadt. 4to, w. 2 pl. Frankfurt a. M., 1867.

Karsch (F.). — Dipterologische Aphorismen (Berliner Entomol. Zeitschr. XXVIII, 1884, p. 171).

Kirby (W. F.). — Report on a small collection of Hymenoptera and Diptera from the Timor Laut islands, formed by Mr. H. O. Forbes (Proceedings Zoolog. Society London, 1883. p. 343).

—— On the Diptera collected during the recent expedition of H. M. S. Challenger (Annals and Magaz. of nat. hist. XIII, 1884, p. 456).

Kolenati (F. A.). — Parasiten der Chiropteren, Dresden, 1857.

—— Beiträge zur Kenntniss der Phthiria-Myiarien (Horae Entom. Ross. II, 1863, p. 9).

Laporte (F. L. de), comte de Castelnau. — Notice sur le *Macrotoma*, nouveau genre de Diptères de la famille des Muscides. (Annales des sciences naturelles, XXV, 1832, p. 457).

Latreille (P. A.). — Précis des caractères génériques des Insectes. 8vo. Brives, 1796.

—— Histoire naturelle générale et particulière des Crustacés et des Insectes. 14 vol. 8vo, w. pl. Paris, 1802—1805. (The Diptera in vol. XIV).

—— Genera Crustaceorum et Insectorum etc. 4 vol. 8vo, w. pl. Paris, 1806—1809.

—— Familles naturelles du règne animal etc. 8vo. Paris, 1825.

—— The entomological part of Cuvier's « Règne animal distribué d'après son organisation », vol. IV and V of this work. Paris, 1829.

Leach (W. E.). — On the genera and species of Eproboscideous Insects and on the arrangement of Oestrideous Insects (Memoirs Werner Society Edinburg, vol. II, 1817).

Leguillou. — see Guillou (le)

Lehmann (J. G. C.). — Insectorum species nonnullae vel novae vel minus cognitae (Zoologicarum praesertim in faunam Hamburgensem observationem, Pugillus primus, 4to. Hamburg, 1822).

Lepelletier de St. Fargeau. — see Pelletier (le).

Linnaeus (C.). — Fauna Suecia. 8vo. Stockholm. 1746.

—— Systema Naturae, editio XII, 3 vol. 8vo. Stockholm, 1766—68.

—— Bigae insectorum, in Dissertat. Upsal. 1775.

Löw (H.). — Ueber die im Grossherzogthum Posen aufgefundenen Zweiflügler (Isis, VIII, 1840, p. 512).

—— Ueber die Europäischen Raubfliegen (Diptera Asilica) (Linnaea Entomologica, II, 1847, p. 384; III, 1848, p. 384; IV, 1849, p. 1).

—— Neue Beiträge zur Kenntniss der Dipteren (Erster bis sechster Beitrag). 4to, Berlin, 1853—59).

—— Einige Bemerkungen über die Gattung *Sargus* (Verhandl. Zool. Bot. Ges. Wien, V, 1855, p. 131).

—— Bidrag till kännedommen om Afrika's Diptera (Oefvers. Kongl. Akad. Förhandlingar, XIV, 1857).

Löw (H.). — Ueber einige neue Fliegengattungen (Berl. Ent. Zeitschr. II, 1858, p. 101).

—— Die Dipteren-Fauna Süd-Afrika's. 4to, w. pl. Berlin, 1860.

—— Diptera Americae septentrionalis indigena. Centuria I (Berliner Entomol. Zeitschr. V, 1861); Cent. II (id. VI, 1862); Cent. III and IV (id. VII, 1863); Cent. V (id. VIII, 1863); Cent. VI (id. IX, 1865); Cent. VII (id. X, 1866); Cent. VIII and IX (id. XIII, 1869); Cent. X (id. XVI, 1872).

Some of the new genera in this work also occur in Asiatic regions.

—— W. C. H. Peter's Naturwissenschaftliche Reise nach Mosambique. Zool. V (Insecten etc.). 4to w. pl. Berlin, 1862. (The Diptera bij H. Löw).

—— Die Amerikanischen Ulidinen (Berl. Entom. Zeitschr. XI, 1867, p. 283).

—— La famiglia dei Blefaroceridi (Bulletino della Societa Entomol. Italiana, I, 1869, p. 85).

—— *Drepanaphora*, eine neue Gattung der Sapromyzidae (Berl. Entom. Zeitschr. XIII, 1869, p. 95).

—— Beschreibungen Europäischer Dipteren, 3 vol. 8vo, Halle, 1869—73. (Continuation of Meigen's work «System. Beschreibung»).

—— Monographs of the Diptera of North-America, I, Trypetidae, Washington, 1862; II, Dolichopodae, Washington, 1864; III. Ortalidae, Washington, 1873.

Mac-Leay (W. S.). — Notice of *Ceratitis citriperda*, an insect destructive to oranges (Zoolog. Journal, IV, 1829, p. 475).

Macquart (J.). — Insectes Diptères du nord de la France, 5 vol. 8vo. Lille, 1823—34. (This labour appeared in a series of papers in «Recueil des travaux de la Société des sciences, de l'agriculture et des arts de Lille»).

—— Histoire naturelle des Insectes Diptères. 2 vol. 8vo. w. pl. Paris, 1834, 35. (It forms a part of the «Suites à Buffon» and is quoted in my Catalogue under this latter name).

Macquart (J.). — Diptères exotiques nouveaux ou peu connus, 2 vol. 8vo, Paris, 1838—42, and 5 Supplements to this work, Paris 1846—55. With numerous plates.

Meigen (J. W.). — Versuch einer neuen Gattungseintheilung der Europäischen Zweiflüglichen Insekten (Illiger's Magazin für Insektenkunde, II, 1803, p. 259).

—— Klassifikazion und Beschreibung der Europäischen Zweiflüglichen Insekten. 4to. w. pl. Braunschweich, 1804.

—— Systematische Beschreibung der bekannten Europäischen Zweiflüglichen Insekten. 7 vol. w. pl. Aachen and Hamm, 1818—38.

Mik (J.). — *Ugimyia Sericariae* Rond., der Parasit des Japanischen Seidenspinners, w. fig. (Wiener Entomol. Zeitschrift, IX, 1890, p. 309).

Newman (E.). — Entomological Notes (Entomologist, I, 1840—42).

Osten Sacken (C. R.). — New genera and species of North American Tipulidae with short palpi, with an attempt at a new classification of the tribe. w. pl. (Proceedings of the acad. of natur. sciences of Philadelphia, 1859, p. 197).

—— Prodrom of a monograph of the Tabanidae of the United States (Memoirs of the Boston natur. hist. Society, II, 1875—6, p. 365 and 421).

—— Western Diptera. 8vo. Washington, 1877.

—— Catalogue of the described Diptera of North America. 8vo. Washington, 1878.

—— Diagnoses of new genera of Ortalidae (Annales Soc. Entom. de France, 1881, Bulletin p. 134).

—— Enumeration of the Diptera of the Malay archipelago, collected by Prof. O. Beccari, Mr. L. M. d'Albertis and others (Annali del Museo civico di storia naturali di Genova, XVI, 1881, p. 393).

—— Idem. Supplement (ibid. XVIII, 1882, p. 10).

—— Synonymica about exotic Dipterology (Wien. Ent. Zeitschr. I, 1887, p. 19).

Osten Sacken (C. R.). — Diptera from the Philippine islands, brought home by Dr. C. Semper (Berl. Entom. Zeitschr. XXVI, 1882, p. 83 and 187).

—— On Prof. Brauer's paper: «Versuch einer Characteristik der Gattungen der Notacanthen» (Berl. Entom. Zeitschr. XXVI, 1882, p. 363).

—— Studies on Tipulidae, part I (Berl. Entom. Zeitschr. XXX, 1886, p. 153),

—— Idem, part II (ibid. XXXI, 1887, p. 163).

Panzer (G. W. F.). — Faunae insectorum Germaniae Initia oder Deutschlands Insecten. Heft 1—110, Nürnberg, 1793—1810. Continued by A. W. Herrich Schäffer, Heft 111—190, Nürnberg, 1829—44.

Pelletier (A. le) comte de St. Fargeau et J. G. Audinet—Serville. — Encyclopédie méthodique. Histoire naturelle. Insectes. Tome X. Paris, 1825.

Philippi (R. A.). — Aufzählung der Chilenischen Dipteren. w. pl. (Verhandl. Zool. bot. Ges. Wien, XV, 1865, p. 595).

Robineau Desvoidy (J. B.) — Essai sur la tribu des Culicides (Mémoires de la Soc. d'hist. nat. de Paris, III, 1827, p. 390).

—— Essai sur les Myodaires. 4to. Paris, 1830.

Röder (V. von). — Ueber *Pangonia longirostris* (Stett. Ent. Zeitung, 1881, p. 384).

—— Drei neue Dipteren etc. (Stett. Ent. Zeitung, 1882, p. 241).

—— Ueber die Dipteren-Gattung *Ceratitis* (Berl. Ent. Zeitschr. XXIX, 1885, p. 132).

—— Die Gattung *Phycus* (Berl. Ent. Zeitsch. XXIX, 1885, p. 140).

—— Enumeratio Dipterorum, quae H. Fruhstorfer in parte meridionali insulae Ceylon legit (Entomol. Nachrichten, XIX, 1893, p. 234).

Rondani (C.). — Osservazioni sopra alquante specie di esapodi ditteri del museo Torinense. w. a. pl. (Nuove Annali di Bologna, ser. 2, II, 1850, p. 165).

—— De nova specie generis *Ceriae* Fabr. detecta et descripta, w. a. pl. (Annal. Soc. Ent. de France, 2. VIII, 1850, p. 211).

Rondani (C.). — Dipterologiae Italicae Prodromus, 6 vol. 8vo. Parma, 1856—77.

—— Sul l'insetto Ugi (Bullettino della Societa Entomol. Italiana, II, 1870).

—— Muscaria exotica Musei civici Januensis, Fragmentum III. Species in insula Bonae fortunae (Borneo) lectae (Annali del Mus civ. di stor. nat. di Genova, VII, 1875, p. 421).

—— Idem. Fragmentum IV. Hippoboscidae (Annali uts. XII, 1878, p. 150).

Rübsaamen (E. H.). — Die aussereuropäischen Trauermücken des K. Museums für Naturkunde in Berlin, w. 3 pl. (Berl. Entom. Zeitschr. XXXIX, 1894, p. 17).

Saunders (W. W.). — Description of four new Dipterous insects from central and northern India (Transact. Entom. Soc. London, III, 1841, p. 59).

—— On *Elaphomyia*, a genus of remarkable insects of Diptera. w. fig. (Transact. Entom. Soc. London, new ser., V, 1861, p. 413).

Say (Th.). — American Entomology, 3 vol. w. pl. Philadelphia, 1824—28.

—— The complete writings of Th. Say on the Entomology of North America, 2 vol. 8vo, w. pl. New-York, 1859.

Schiner (J. R.). — Vorläufiges Commentar zum dipterologischen Theile der « Fauna Austriaca ». Part. II (Wiener Entom. Monatschrift, IV, 1860, p. 208).

—— Idem, Part. IV (Wiener Ent. Monatschr. VI, 1862, p. 143).

—— Idem, Part. V (Wiener Ent. Monatschr. VII, 1863, p. 217).

—— Fauna Austriaca. Die Fliegen (Diptera). 2 vol. 8vo. Wien, 1862—64.

—— Die Wiedemann'schen Asiliden interpretirt und in die seither errichteten neuen Gattungen eingereiht (Verhandl. Zool. bot. Gesellsch. Wien, XVI, 1866, p. 649).

—— Neue oder wenig bekannte Asiliden des K. Zool. Hofcabinets in Wien (Verhandl. Zool. bot. Ges. XVII, 1867, p. 355).

Schiner (J. R.). — Reise der Oesterreichischen Fregatte Novara um die Erde in 1857—59. Zoologischer Theil, Diptera. 4to, w. pl. Wien, 1868.

Quoted as Diptera Novara Reise.

Scopoli (J. A.). — Entomologia Carniolica. 8vo. Vindebonae, 1763. (The Diptera p. 315—377).

Scudder (S. H.). — Nomenclator Zoologicus, 8vo. Washington, 1882.

Serville (Audinet-). — see Pelletier (le).

Snellen van Vollenhoven. — see Vollenhoven (Snellen van).

Stenhammer (Chr.). — Försök till gruppering och Revision af de Svenska Ephydrinae (Kongl. Svenska academiens Förhandlingar, 1843, p. 75).

Stephens (J. F.). — A systematical Catalogue of British Insects. London, 1829.

Thomson (C. G.). — Kongliga Svenska fregatten Eugenies Resa omkring yorden. Diptera. 4to. w. pl. Stockholm, 1868.

Quoted as Diptera Eugenies Resa.

Vollenhoven (S. C. Snellen van). — On synonyms of *Clitellaria bivittata* Wied. and *Eudmeta marginata* F. (Handel. der Nederl. Entomol. Vereeniging, 1856, p. 107).

—— Notices Diptérologiques (Tijdschr. voor Entomologie, I, 1858, p. 88).

—— Over eene merkwaardige soort van Tweevleugelig insect, *Antidoxion fulvicorne*, w. fig. (Verslagen en mededeelingen Kon. academie van wetenschappen, XV, 1862, p. 1).

—— Beschrijving van eenige nieuwe soorten van Diptera, m. pl. (Ibid. p. 8).

Walker (F.). — List of the specimens of Dipterous insects in the collections of the British Museum. 7 vol. 8vo. London, 1848—55.

—— Characters of undescribed Diptera in the British Museum (Zoologist, VIII, 1850, p. lxv).

—— Insecta Saundersiana. Diptera, w. pl. (by J. O. Westwood). 8vo. London, 1856.

WALKER (F.). — Characters of undescribed Diptera in the collection of W. W. Saunders (Trans. Ent. Soc. London, new ser. IV, 1857, p. 119 and 190; id. V. 1859, p. 268).

—— Catalogue of the Dipterous insects collected at Singapore and Malacca by Mr. A. R. Wallace etc. w. 2 pl. (Journ. of the Proceedings of the Linnean Soc. at London, I, 1857. p. 4).

—— Catalogue of the Dipt. insects collected at Sarawak, Borneo, by Mr. A. R. Wallace etc. w. a. pl. (Id. I, 1857, p. 105).

—— Catalogue of the Dipt. insects collected in the Aru islands by Mr. A. R. Wallace etc. (Id. III, 1859, p. 77).

—— Catalogue of the Dipt. insects collected at Makassar in Celebes by Mr. A. R. Wallace etc. (Id. IV, 1860, p. 90).

—— Catalogue of the Dipt. insects collected at Amboina by Mr. A. R. Wallace etc. (Id. V, 1861, p. 194).

— — Catalogue of the Dipt. insects collected at Dory, New Guinea, by Mr. A. R. Wallace etc. (Id. V, 1861, p. 229).

—— Catalogue of the Dipt. insects collected at Menado, in Celebes, and in Tond, by Mr. A. R. Wallace etc. (Id. V, 1861, p. 258).

—— Catalogue of the Dipt. insects collected in Batchian, Kaissa and Makiam, and at Tibon in Celebes, by A. R. Wallace etc. (Id. V, 1861, p. 270).

—— Catalogue of the Dipt. insects collected at Gilolo, Ternate and Ceram, by A. R. Wallace etc. (Id. VI, 1862, p. 4).

—— Catalogue of the Dipt. insects collected in Waigiou, Mysol and North Ceram, by A. R. Wallace etc. (Id. VII, 1864, p. 202).

—— Descriptions of some new species of Dipterous insects of New Guinea (Id. VIII, 1865, p. 102).

—— Descriptions of some new species of Dipterous insects from the island of Salwatty, near New Guinea (Id. VIII, 1865, p. 130).

WATERHOUSE (CH. O.). — On the affinity of the genus *Polyctenes* Gigl., with a description of a new species (Transact. Entom. Soc. London, 1879, p. 309).

Westwood (J. O.) — Insectorum Arachnoidumque novorum. Decades duo (Zoological Journal, V, 1830, p. 440).

—— Insectorum nonnullorum novorum (ex ordine Dipterorum) Descriptiones (Ann. Soc. Ent. de France, IV, 1835, p. 681).

—— Insectorum novorum exoticorum ex ordine Dipterorum Descriptiones (London and Edinburg Philosophical Magazine, 1835).

—— On *Nycteribia*, a genus of wingless insects, w. pl. (Transact. Zool. Soc. Lond. I, 1835, p. 275).

—— On *Diopsis*, a genus of Dipterous insects (Transact. Linn. Soc. Lond. XVIII, 1837, p. 283).

—— Descriptions of some new species of *Diopsis*, w. a. pl. (Id. XVIII, 1837, p. 543).

—— Generis Dipterorum Monographia *Systropi* (Magazin de Zoologie, XII, 1842).

—— The Cabinet of oriental Entomology. 4to. w. pl. London, 1848.

—— Diptera nonnulla exotica descripta (Transact. Entom. Soc. Lond. V, 1850, p. 231).

—— Descriptions of some new exotic species of Tipulidae, w. a. pl. (Transact. Entom. Soc. London, 1876, p. 501).

—— Monograph of the genus *Systropus* (Transact. id. p. 571).

—— Descriptions of new species of exotic Tipulidae. w. 3 pl. (Transact. id. 1881, p. 363).

Weyenbergh (H.). — Deux Diptères nouveaux de l'archipel des Indes orientales, w. a. pl. (Archives Néerlandaises, IV, 1869, p. 359).

Wiedemann (C. R. W.). — Zoologisches Magazin. 8vo. Kiel, 1817—23.

—— Nova Dipterorum genera, iconibus illustrata. 4to. Kiel, 1820.

—— Diptera exotica. 8vo. w. pl. Kiel, 1821.

—— Analecta entomologica, 4to. w. pl. Kiel, 1824.

—— Aussereuropäische Zweiflügelige Insecten. 2 vol. 8vo, w. pl. Hamm, 1828—30.

—— *Achias*, Dipterorum genus a Fabricio conditum, illustratum novisque speciebus auctum. 8vo. Kiel, 1830.

WINNERTZ (J.). — Beitrag zu eine Monographie der Pilzmücken (Mycetophilae) w. pl. (Verhandl. Zool. bot. Ges. Wien, XIII, 1863, p. 637).

Quoted as Monographie der Mycetophiliden.

—— Beitrag zu eine Monographie der Sciarinen, 8vo. w. pl. 1867.

Quoted as Monogr. der Sciarinen.

WOOD MASON (J.). — *Cecidomyia Oryzae* (Indian Museum Notes, I. 103. pl. VI. f. 6).

(The species is figured but not described).

WULP (F. M. VAN DER). — Diptera uit den Oost-Indischen archipel, w. 2 pl. (Tijdschrift voor Entomologie, XI, 1868, p. 97).

—— Bijdrage tot de kennis der Asiliden van den Oost-Indischen archipel, w. 4 pl. (Tijdschr. v. Entom. XV, 1872, p. 129).

—— Twee nieuwe Tipuliden van Sumatra, w. fig. (Tijdschr. v. Ent. XXI, 1878, p. 194).

—— Eenige Diptera van Nederlandsch Indië, w. 2 pl. (Tijdschr. v. Ent. XXIII, 1880, p. 555).

—— Diptera medegebracht door de Sumatra-expeditie. 4to. w. pl. Leiden, 1881.

—— Description of a remarkable new Asilid (Notes from the Leyden Museum, VI, 1884, p. 84).

—— *Ommatius Schlegelei* n. sp., w. a. pl. (Tijdschr. v. Entom. XXVII, 1884, p. 143).

—— Oost-Indische *Psilopus*-soorten, w. pl. (Tijdschr. v. Entom. XXVII, 1884, p. 217).

—— Quelques Diptères exotiques (Ann. Soc. Entom. de Belgique, XXVIII, 1884, Comptes rendus, p. CCLXXXVIII).

—— On exotic Diptera, Part I (Notes fr. the Leyd. Mus. VI, 1884, p. 248, and VII, 1885, p. 1).

—— On exotic Diptera, Part II, w. a. pl. (Notes fr. the Leyd. Mus. VII, 1885, p. 57).

—— Eenige uitlandsche Nemocera, w. pl. (Tijdschr. v. Entom. XXVIII, 1885, p. 79).

Wulp (F. M. van der). — Langwerpige Dexinen-vormen, w. pl. (Tijdschr. v. Entom. XXVIII, 1885, p. 189).

—— Over eenige uitlandsche Ortalinen (Id. XXVIII, 1885, p. 213).

—— Aanteekeningen betreffende eenige Javaansche Diptera, w. pl. (Id. XXX, 1887, p. 175).

—— Biologia centrali Americana, Diptera, vol II, 4to. London, 1889 etc.

—— Eenige uitlandsche Diptera, w. pl. (Tijdschr. v. Entom. XXXIV, 1891, p. 193).

—— Eenige Javaansche Tachininen, w. 3 pl. (Id. XXXVI, 1893, p. 159).

—— Parasitic Muscidae from British India, w. pl. (Indian Museum Notes, III, 1894, p. 8).

—— Eenige Javaansche Diptera, w. 2 pl. (Tijdschr. v. Entom. XXXVIII, 1895, p. 35).

—— Eene merkwaardige Javaansche Tachinine, w. fig. (l. c. p. 49 and 163).

Zetterstedt (J. W.). — Insecta Lapponica descripta. 4to. Leipzig, 1840.

—— Diptera Scandinaviae disposita et descripta, 14 vol. 8vo Lund, 1842—60.

DIPTERA ORTHORAPHA.

CECIDOMYIDAE.

Cecidomyia Meig.

Illig. Magaz. II. 261 (1803).

C. deferenda Walk. Proc. Linn. Soc. I. 105. 3. — Borneo.

- **Oryzae** Wood Mason, Ind. Mus. Notes, I. 103. pl. VI f. 6. — Bengal.

In Berl. Ent. Zeitschr. XXVI (1882) p. 96, Osten Sacken has mentioned a peculiar *Cecidomyia* with reniform antennal joints, from the Philippine islands.

Lasioptera Meig.

Syst. Beschr. I. 83 (1818).

L. Bryoniae Schin. Dipt. Nov. Reise, 5. 2. pl. 1 f. 2, 3. — Madras.

MYCETOPHILIDAE.

Sciara Meig.

Illig. Magaz. II. 263 (1803).

Sc. Thomae Linn. Syst. Nat. ed. XII. 976. 39 (*Tipula*); Meig. Syst. Beschr. I. 278. 1; Winn. Monogr. Sciar. 163; v. d. Wulp, Dipt. Sum. exped. 7. 2. — Europe, Sumatra.

Rübsaamen (Berl. Ent. Zeitschr. XXXIX, p. 32, note) is in doubt about the identity of my *Sc. Thomae* from Sumatra with the European species.

- **indica** Walk. Dipt. Saund. 419. — East India.
- **pusilla** Dol. Nat. Tijdschr. Ned. Ind. X. 407. 10. pl. 4 f. 5. (*Scatopse*). — Java.

According to the figure, the insect is evidently a *Sciara* and not at all a *Scatopse*.

Sciara laticornis Walk. Proc. Linn. Soc. I. 105. 1. — Borneo.
- **solita** Walk. l. c. I. 105. 2. — Borneo.
- **femoralis** Dol. Nat. Tijdschr. Ned. Ind. XVII. 78. 3. — Amboina.
- **selecta** Walk. Proc. Linn. Soc. III. 77. 1. — Aroe.
- **longipes** Walk. l. c. V. 263. 1. — Tondano.
- **ponderosa** Walk. l. c. VII. 230. 1. — Ceram.
- **varipes** Walk. l. c. VIII. 102. 1. — New Guinea.
- **filipes** Walk. l. c. VIII. 102. 3. — New Guinea.

  This species, with its peculiar long and slender legs, certainly requires a new genus; Walker was of the same opinion, but the specimen, which he described, was in too bad a condition for drawing the generical characters.
- **rufithorax** v. d. Wulp, Dipt. Sum. exp. 7. 1. pl. 1 f. 1; Rübs. Berl. Ent. Zeitschr. XXXIX. 39. — Sumatra, Ceylon.
- **sulcata** v. d. Wulp, Tijdschr. v. Entom. XXX. 177. 3. pl. 11, f. 12.— Java.
- **pruinosa** Rübs. Berl. Entom. Zeitschr. XXXIX. 33. — Borneo.
- **rotunda** Rübs. l. c. 34. — Himalaya.
- **singhalensis** Rübs. l. c. 35. — Ceylon.

Odontonyx Rübsaamen.

Berl. Entom. Zeitschr. XXXIX. 25 (1894).

Od. Fruhstorferi Rübs. Berl. Entom. Zeitschr. XXXIX. 25. — Java.

The generic name *Odontonyx* is preoccupied in Coleoptera by Stephens (1828) and by Guérin (1843).

Glaphyroptera Winn.

Verh. Zool. bot. Ges. XIII. 781 (1863).

Gl. Winthemii Lehm. Ins. spec. 39 (*Leia*); Meig. Syst. Beschr. VII. 48. 69 (*Leia*); Winn. Mon. Mycetoph. 789. 9; v. d. Wulp, Dipt. Sum. exp. 7. 1. — Europe, Sumatra. Also North-America (see Osten Sack., Catal. Dipt. N. Amer. 1878 p. 11).

The generic name *Glaphyroptera* was preoccupied in fossil Coleoptera by Heer (1852); Osten Sacken therefore changed it to *Neoglaphyroptera* (l. c. p. 10).

Leia Meig.

Syst. Beschr. I. 253 (1818).

L. indivisa Walk. Proc. Linn. Soc. VII. 223. 1. — Waigoe.

Empheria Winn.

Verh. Zool. bot. Ges. XIII. 738 (1863).

The generic name was preoccupied in Psocidae by Hagen (1856); it is changed to *Neoempheria* by Osten Sacken (Catal. p. 9).

E. tropica Dol. Nat. Tijdschr. Ned. Ind. XIV. 392. pl. 4 f. 2. (*Sciophila*). — Java.

According to the figure the species belongs to the genus *Empheria*.

Mycetophila Meig.

Illig. Magaz. II. 263 (1803).

M. bimaculata Walk. List Dipt. Brit. Mus. I. 100. — East India

- **obscurata** Walk. Proc. Linn. Soc. VIII. 130. 1. — Salawatti.

Platyura Meig.

Illig. Magaz. II. 264 (1803).

Pl. venusta Walk. Dipt. Saund. 421. — East India.

BIBIONIDAE.

Bibio Geoffr.

Ins. II. 571 (1764).

B. bicolor Walk. List Dipt. Brit. Mus. I. 121. — East India.

- **obediens** Ost. Sack. Ann. Mus. Gen. XVI. 395. — New Guinea.
- **plecioides** Ost. Sack. l. c. 396. — New Guinea.
- **rubicundus** v. d. Wulp, Not. Leyd. Mus. VII. 251. 4. — Java.

Plecia Wied.

Auss. Zweifl. I. 72 (1828).

Pl. fulvicollis Fabr. Syst. Antl. (*Hirtea*); Wied. Dipt. exot. I. 31. 32 (*Penthetria*); id. Auss. Zweifl. I. 73. 2; Macq. Suit. à Buff. I. 176. 1; Dol. Nat. Tijdschr. Ned. Ind. X. 407. pl. 6 f. 3; Schin. Dipt. Nov. Reise, 21; Rond. Ann. Mus. Gen. VII. 462; Ost. Sack. Ann. Mus. Gen. XVI. 397; id. Berl. Ent. Zeitschr. XXVI. 96;

v. d. Wulp, Dipt. Sum. exp. 7; Kirby, Proceed. Zool. Soc. Lond. 1883. 346; id. Ann. and Mag. of nat. hist. 1884. 460. — Singapore, mount Ophir, Sumatra, Java, Borneo, Celebes, Ternate, Timor-Laut, Philippines, Mysol, New Guinea.

Syn. *Pl. dorsalis* Walk. Proc Linn. Soc. I. 5. 1.

Plecia melanaspis Wied. Auss. Zweifl. I. 72. 1 (*Penthetria*); Ost. Sack. Ann. Mus. Gen. XVI. 397. — China, Nepaul, Java.

Syn?. *Penthetria japonica* Wied. Auss. Zweifl. II. 618; Löw, Berl. Ent. Zeitschr. II 106.

- ? *Crapitula Motschulskyi* Gimm. Bull. de Moscou, 1845. 330; Löw, Berl. Ent. Zeitschr. II. 106.
- *Plecia ignicollis* Walk. List Dipt. Brit. Mus. I. 116.

If *Penthetria japonica* and *Crapitula Motschulskyi* are identical with *Plecia melanaspis*, this species also occurs in European Russia, Sibiria and Japan.

- **thoracica** Guér. Voy. de la Coquille, Zool. 507. pl. 4 f. 9 (*Penthetria*). — Coromandel.
- **subvarians** Walk. Proc. Linn. Soc. I. 105. 5. — Borneo.
- **tergorata** Rond. Ann. Mus. Gen. VII. 462; Ost. Sack. Ann. Mus. Gen. XVI. 397. — Borneo, Java.
- **forcipata** Ost. Sack. Ann. Mus. Gen. XVI. 397. — Sumatra.
- **tristis** v. d. Wulp, Not. Leyd. Mus. VI. 251. 5. — Java.

Dilophus Meig.

Illig. Magaz. II. 264 (1803).

D. graciosus Big. Journ. Asiat. Soc. of Bengal, LIX (1890) 265. — Dharmsale, India.

The genus *Dilophus* is also represented on Java (see Ost. Sack. Ann. Mus. Gen. XVI. 397).

SIMULIDAE.

Simulium Latr.

Hist. nat. Crust. et Ins. XIV. 294 (1805).

S. indicum Becher, Journ. Asiat. Soc. Bengal, LIII (1884) 199, pl. XIV. — Assam.

CULICIDAE.

Megarhina Rob. D.

Mém. Soc. d'hist. nat. Paris, III. 412 (1827).

M. splendens Wied. Zool. Mag. III. 2. 1 (*Culex*); id. Dipt. exot. I. 7. 2 (*Culex*); id. Auss. Zweifl. I. 3. 3 (*Culex*); Macq. Suit. à Buff. I. 33. 2 (*Culex*); Schin. Dipt. Nov. Reise, 31. 2; v. d. Wulp, Dipt. Sum. exped. 8. 1. pl. 1 f. 2. — Java, Sumatra, Singapore.

- **amboinensis** Dol. Nat. Tijdschr. Ned. Ind. XIV. 381. pl. 5 fig. 5. — Amboina.

  Syn. *Culex subulifer*, Dol. Nat. Tijdschr. Ned. Ind. XIV. 382. pl. 5 f. 2; id. XVII. 78.

- **immisericors** Walk. Proc. Linn. Soc. IV. 90. 1. — Mysol, Celebes, Ceram.
- **inornata** Walk. l. c. VIII. 102. 3. — New Guinea.

Culex Linn.

Faun. Suec. 1890 (1761).

C. molestus Wied. Dipt. exot. I. 39; id. Auss. Zweifl. I. 542. 1. — Sumatra.

- **laniger** Wied. Auss. Zweifl. I. 5. 8; Macq. Dipt. ex. I. 2. 176. — Java (Wied.); coast of Coromandel (Macq.).
- **fuscanus** Wied. l. c. 6. 9; Walk. Proc. Linn. Soc. I. 5. 3; id. 105. 6. — East India (Wied.); Hindostan, Malacca, Borneo (Walk.).
- **fatigans** Wied. Auss. Zweifl. I. 10. 17. — East India.
- **sitiens** Wied. l. c. 542. 2. — Sumatra.
- **vagans** Wied. l. c. 545. 3. — China.
- **cingulatus** Dol. Nat. Tijdschr. Ned. Ind. X. 405. 1. pl. 7 f. 2. — Java.
- **Nero** Dol. l. c. XIV. 383. pl. 5 f. 3. — Java.
- **setulosus** Dol. l. c. XIV. 384. pl. 5 f. 4. — Java.
- **luridus** Dol. l. c. XIV. 384. pl. 5 f. 1. — Java.
- **aureostriatus** Dol. l. c. XIV. 385. pl. 6 f. 1. — Amboina.
- **variegatus** Dol. l. c. XVII. 77. 1. — Amboina.
- **scutellaris** Walk. Proc. Linn. Soc. III. 77. 3. — Aroe.

Culex obturbans Walk. Proc. Linn. Soc. IV. 91. 2. — Mysol, Celebes, Dorey (New Guinea).

- **impatibilis** Walk. l. c. IV. 91. 3. — Celebes.
- **impellens** Walk. l c. IV. 91. 4. — Celebes.
- **imprimens** Walk. l. c. V. 144. 2. — Amboina.
- **ventralis** Walk. l. c. V. 144. 3. — Amboina.
- **ventralis** Walk. l. c. VIII. 103. 4. — New Guinea.

  Nomen bis lectum, see the preceeding species.
- **conopus** Frauenf. Verhand. Zool. bot. Ges. Wien, XVII. 451. — On board of frig. Novara in the China sea.
- **dives** Schin. Dipt. Nov. Reise, 31. 3. — Singapore, Java.

  Syn. *C. annulipes* Walk. Proc. Linn. Soc. I. 5.
- **longipalpus** v. d. Wulp, Dipt. Sum. exp. 9. 1. pl. 1 f. 3. — Sumatra.
- **crassipes** v. d. Wulp, l. c. 9. 2. pl. 1 f. 4. — Sumatra.

Anopheles Meig.

Syst. Beschr. I. 10 (1818).

A. sinensis Wied. Auss. Zweifl. I. 547. 7; Frauenf. Verhand. Zool. bot. Ges. Wien, XVII. 449. — China.

- **vanus** Walk. Proc. Linn. Soc. IV. '91. 5. — Celebes.
- **barbirostris** v. d. Wulp, Not. Leyd. Mus. VI. 248. 1; id. Tijdschr. v. Entom. XXVIII. 79. 1. pl. 4 f. 1. — Java.
- **annularis** v. d. Wulp, Not. Leyd. Mus. VI. 249. 2; id. Tijdschr. v. Entom. XXVIII. 80. 2. pl. 4 f. 2. — Java.

Corethra Meig.

Illig. Magaz. II. 260 (1803).

C. manilensis Schin. Dipt. Nov. Reise, 30. 1. — Manilla.

CHIRONOMIDAE.

Ceratopogon Meig.

Illig. Magaz. II. 261 (1803).

C. trichopus Thoms. Dipt. Eugen. Resa, 444. 3. — China.

- **agas** Rond. Ann. Mus. Gen. VII. 462. — Borneo.

Chironomus Meig.

Illig. Magaz. II. 260 (1803).

Ch. venustus Wied. Auss. Zweifl. I. 547. 8. — China.
- **socius** Walk. List Dipt. Brit. Mus. I. 16. — East India.
- **cubiculorum** Dol. Nat. Tijdschr. Ned. Ind. X. 405. 2. pl. 5 f. 2. — Java.
- **pictus** Dol. l. c. XIV. 386. pl. 7 f. 2. — Java.
- **vicarius** Walk. Dipt. Saund. 423. — East India.
- **instabilis** Walk. Proc. Linn. Soc. VIII. 103. 5. — New Guinea.
- **trochanteratus** Thoms. Dipt. Eugen. Resa, 445. 4. — Manilla.

Tanypus Meig.

Illig. Magaz. II. 261 (1803).

T. crux Wied. Anal. entom. 10. 1; id. Auss. Zweifl. I. 19. 2; v. d. Wulp, Not. Leyd. Mus. VI. 250. 3. — Java.

Syn. *T. pardalis* Dol. Nat. Tijdschr. Ned. Ind. X. 405. 3. pl. 6 f. 1.

- *T. ornatus* Dol. l. c. XIV. 385. pl. 7 f. 1.

- **melanurus** Dol. l. c. X. 405. 4. pl. 4 f. 1. — Java.
- **cyaneomaculatus** Dol. l. c. X. 406. 5. pl. 11 f. 1. — Java.
- **nigrocinctus** Dol. l. c. X. 406. 6. pl. 11 f. 3. — Java.
- **manillensis** Schin. Dipt. Nov. Reise, 26. 3. — Manilla.

Macropeza Meig.

Syst. Beschr. I. 87 (1818).

M. gibbosa Wied. Anal. entom. 10; id. Auss. Zweifl. I. 20. 1; Macq. Suit. à Buff. I. 69. 2. — East India.

DIXIDAE.

Dixa Meig.

Syst. Beschr. I. 216 (1818).

D. guttipennis Thoms. Dipt. Eugen. Resa, 448. 8. — China.

TIPULIDAE.

LONGIPALPI.

Scamboneura Ost. Sack.

Berl. Ent. Zeitschr. XXVI. 95 (1882).

Sc. vittifrons Walk. Proc. Linn. Soc. V. 144. 4 (*Limnobia*). — Amboina.
- **dotata** Ost. Sack. Berl. Ent. Zeitschr. XXVI. 95. f. 1. — Philippines.

Megistocera Wied.

Auss. Zweifl. 1. 55 (1828).

M. fuscana Wied. Dipt. ex. I. 29 (*Nematocera*); ib. p. 41 (*Maekistocera*); id. Auss. Zweifl. I. 55. 1; Macq. Suit. à Buff. I. 114. 2. pl. 2 f. 15; id. Dipt. ex. supp. 1. 18. 2. pl. 2 f. 4; Ost. Sack. Ann. Mus. Gen. XVI. 399; v. d. Wulp, Not. Leyd. Mus. VII. 3. 13; id. Tijdschr. v. Entom. XXVIII. 83. 5. pl. 4 f. 4. — Java, Celebes, Sumatra, Aroe.

Prionota v. d. Wulp.

Not. Leyd. Mus. VII. p. 1 (1885): Ost. Sack Berl. Ent. Zeitschr. XXX p. 187.

Pr. nigriceps v. d. Wulp, Not. Leyd. Mus. VII. 2. 12; id. Tijdschr. v. Entom. XXVIII. 82. pl. 4 f. 3. — Java.

Pselliophora Ost. Sack.

Berl. Entom. Zeitschr. XXX. 165 (1886).

Ps. laeta Fabr. Ent. Syst. IV. 239. 27 (*Tipula*); id. Syst. Antl. 19. 8; Wied. Dipt. exot. I. 20. 1; id. Auss. Zweifl. I. 38. 2. pl. 2 f. 1; Macq. Dipt. exot. I. 1. 42. pl. 2 f. 1; Westw. Zool. Journ. V. 451 (*Ctenophora*). — East India (Bombay, Scinde, Ceylon).

- **ardens** Wied. Dipt. exot. I. 20. 2; id. Auss. Zweifl. I. 39. 3 (*Ctenophora*). — Java.
- **compedita** Wied. Dipt. exot. I. 21. 3; id. Auss. Zweifl. I. 39. 4; v. d. Wulp, Tijdschr. v. Entom. XXIII. 156. 2. pl. 10 f. 1; id. Not. Leyd. Mus. VI. 253. 6 (*Ctenophora*). — Java, Celebes, Aroe.
- **fuscipennis** Macq. Dipt. exot. supp. 1. 10. 2. pl. 1 f. 4 (*Ctenophora*). — Java (nec Brazil).

  Syn. *Ctenophora javanica* Dol. Nat. Tijdschr. Ned. Ind. X. 406. 8. pl. 9 f. 1; v. d. Wulp, Tijdschr. v. Entom. XXII. 156. 3. pl. 10 f. 2; id. Not. Leyd. Mus. VI. 255. 8.

  In his "Studies on Tipulidae" (Berl. Ent. Zeitschr. XXX. p. 172) Osten Sacken already conjectured, that *Ctenophora fuscipennis* Macq. could not be a South-American species. Since that time he has seen the typical specimen of *Ct. fuscipennis* Macq. in the collection of Bigot. This type is labelled "Java" and identical

with *Ct. javanica* Dol. — Macquart's indication about the Brazilian origin of the species must be a mistake.

Ps. Taprobanes Walk. List Dipt. Brit. Mus. I. 77 (*Ctenophora*). — Ceylon.

- **fumiplena** Walk. Dipt. Saund. 449 (*Ctenophora*); Ost. Sack. Berl. Ent. Zeitschr. XXX. 170. 5. — China.
- **chrysopila** Walk. Proc. Linn. Soc. I. 6. 8 (*Ctenophora*). — Singapore.
- **incunctans** Walk. l. c. IV. 93. 9; v. d. Wulp, Not. Leyd. Mus. VI. 255. 9 (*Ctenophora*); Ost. Sack. Berl. Ent. Zeitschr. XXX. 171. 6. — Celebes, Sangir, Tondano.

  Syn. *Ctenophora velutina* v. d. Wulp, Not. Leyd. Mus. VI. 256. 10.

  In Berl. Ent. Zeitschr. l. c. Osten Sacken considered the latter (*velutina*) as a distinct species; but recently he wrote me: „Since my statement in 1886 I have changed my opinion about *velutina*. I have seen in Bigot's collection a ♂ and ♀, labelled *incunctans* and coming from the same locality in Celebes. The male has the colouring of *incunctans*, the female that of *velutina*, and nevertheless they undoubtedly belonged together. The partly black and yellow *Pselliophorae* are subject to variation, for instance *Ps. fumiplena* from China."
- **gaudens** Walk. Proc. Linn. Soc. IV. 93. 10; Ost. Sack. Ann. Mus. Gen. XVI. 399 (*Ctenophora*); id. Berl. Ent. Zeitschr. XXX. 171. 7. — Celebes.
- **suspirans** Ost. Sack. Berl. Ent. Zeitschr. XXVI. 93 (*Ctenophora*). — Philippines.
- **idalia** Ost. Sack. l. c. 94 (*Ctenophora*). — Philippines.
- **dolens** Ost. Sack. l. c. 94 (*Ctenophora*). — Philippines.
- **curvipes** v. d. Wulp, Not. Leyd. Mus. VI. 254. 7 (*Ctenophora*). — Gorontalo.
- **annulosa** v. d. Wulp, l. c. VII. 1 (*Ctenophora*). — Celebes.
- **rubra** Ost. Sack. Berl. Ent. Zeitschr. XXX. 171. 8. — Mouhot, Laos.

Ctenophora Meig.

Illig. Magaz. II. 263 (1803).

Ct. xanthomelana Walk. List Dipt. Brit. Mus. I. 77. — East India.

According to Osten Sacken this species is represented in the

British Museum by a single female specimen. Perhaps it may be also a *Pselliophora*, which however is incertain, because the male as yet is unknown.

Ct. melanura Walk. (List Dipt. Brit. Mus. I.) from Nepaul must be struck out, for Osten Sacken, who examined the typical specimen in the British Museum, has stated that it is not at all a *Ctenophora*, but a large species of *Sargus*. See Ost. Sack. (Berl. Entom. Zeitschr. XXX. 166) and v. d. Wulp (Tijdschr. v. Entom. XXVIII. 81).

Tipula Linn.

Faun. Suec. 430 (1761).

T. pedata Wied. Dipt. exot. I. 23. 2; id. Auss. Zweifl. I. 45. 2; v. d. Wulp, Dipt. Sum. exp. 10. 1; Ost. Sack. Berl. Ent. Zeitschr. XXVI. 92. — Java, Sumatra, Borneo, Philippines.

- **praepotens** Wied. Auss. Zweifl. I. 40. 1; Macq. Suit. à Buff. I. 81. 2; id. Dipt. exot. supp. 3. 7. pl. 1 f. 1; Sn. v. Vollenh. Tijdschr. v. Entom. I. 90; Dol. Nat. Tijdschr. Ned. Ind. XIV. 387; Ost. Sack. Ann. Mus. Gen. XVI. 399; id. Berl. Ent. Zeitschr. XXX. 183. — Java, Sumatra, Amboina. Also Japan (Sn. v. Voll.).

- **monochroa** Wied. Auss. Zweifl. I. 41. 3; Macq. Dipt. exot. supp. 3. 6. pl. 1 f. 2. — Java.

- **umbrina** Wied. Auss. Zweifl. I. 49. 14; v. d. Wulp, Tijdschr. v. Entom. XXIII. 158. 4; id. Not. Leyd. Mus. VII. 4. 14; Ost. Sack. Ann. Mus. Gen. XVI. 399. — Java, Sumatra.

  Syn. *T. castanea* Macq. Dipt. exot. I. 1. 54. 4.

  - - *congruens* Walk. Proc. Linn. Soc. V. 231. 8.

- **venusta** Walk. List Dipt. Brit. Mus. I. 64. — Silhet.

- **fulvipennis** Walk. l. c. I. 67. — Nepaul.

  The name must be changed as there is a *T. fulvipennis* de G. (= *lutescens* Fabr.).

- **reposita** Walk. l. c. I. 67. — Nepaul.

- **melanomera** Walk. l. c. I. 68. — Nepaul.

- **nova** Walk. l. c. I. 71. — Hongkong.

- **vicaria** Walk. Dipt. Saund. 444. — East India.

- **vilis** Walk. Proc. Linn. Soc. I. 108. 17. — Borneo.

- **longicornis** Dol. Nat. Tijdschr. Ned. Ind. XVII. 79. 5. — Amboina.

The name must be changed on account of the European *T. longicornis* Schumm.

T. infindens Walk. Proc. Linn. Soc. IV. 92. 7. — Celebes, Ceram.

- **inordinans** Walk. l. c. IV. 93. 8. — Celebes.
- **fumifines** Walk. l. c. V. 145. 5. — Amboina.

Walker considers this species as identical with *T. longicornis* Dol., but in his description (regarding the male only) the antennae are stated as „much shorter than the thorax", whilst Doleschall calls them „capite thoraceque longioribus", a character which evidently is represented in an inedited drawing of the latter author. I therefore believe, that the two are different species.

- **pallida** Walk. Proc. Linn. Soc. VIII. 105. 12. — New Guinea.
- **punctifrons** Rond. Ann. Mus. Gen. VII. 463. — Borneo.
- **serrata** v. d. Wulp, Not. Leyd. Mus. VII. 5. 15. — Serahan.
- **pilosula** v. d. Wulp, l. c. VII. 5. 16. — Java.
- **leucopyga** v. d. Wulp, l. c. VII. 6. 17; id. Tijdschr. v. Entom. XXVIII. 84. 6. pl. 4 f. 6. — Java.

Pachyrhina Macq.

Suit. à Buff. I. 88 (1834).

P. javana Wied. Dipt. exot. I. 27. 7; id. Auss. Zweifl. I. 51. 16 (*Tipula*). — Java.

- **bombayensis** Macq. Dipt. exot. supp. 5. 15. 10; v. d. Wulp, Tijdschr. v. Entom. XXIII. 158. 5; id. Dipt. Sum. exp. 10. 1. — Bombay, Java, Sumatra.
- **delta** Walk. Dipt. Saund. 445. — East India.
- **tripartita** Walk. Proc. Linn. Soc. V. 231. 9. — New Guinea.
- **tenuis** Walk. l. c. VIII. 106. 13. — New Guinea.
- **colorata** Walk. l. c. VIII. 131. 3. — Salawatti.
- **Doleschalli** Ost. Sack. Ann. Mus. Gen. XVI. 399. — Java, Sumatra.

  Syn. *Tipula javensis* Dol. Nat. Tijdschr. Ned. Ind. X. 406. 8. pl. 3, f. 2.

  - ? *Pach. fasciata* Macq. Suit. à Buff. I. 90. 8.
- **familiaris** Ost. Sack. Ann. Mus. Gen. XVI. 401. — Sumatra.
- **melanura** Ost. Sack. l. c. 401. — New Guinea.
- **laconica** Ost. Sack. Berl. Ent. Zeitschr. XXVI. 92. — Philippines.
- **ortiva** Ost. Sack. l. c. 93. — Philippines.

Pachyrhina nigro-annulata v. d. Wulp, Not. Leyd. Mus. VII. 8. 20. — Morotai.

- **quadrivittata** v. d. Wulp, l. c. VII. 9. 21. — Java.
- **triplasia** v. d. Wulp, l. c. VII. 10. 22. — Java.
- **immaculata** v. d. Wulp, Tijdschr. v. Entom. XXXIV. 126. — Java.

BREVIPALPI.

Geranomyia Hal.

Entom. Mag. I. 154 (1833).

G. sorbillans Wied. Auss. Zweifl. I. 551. 17 (*Limnobia*). — Sumatra.

- sp. indescr. Ost. Sack., Berl. Ent. Zeitschr. XXXI. 173. — Ceylon.

Dicranomyia Steph.

Cat. Brit. ins. (1829).

D. saltans Dol. Nat. Tijdschr. Ned. Ind. XIV. 390. pl. 2 f. 3 (*Limnobia? saltens*); Ost. Sack. Berl. Ent. Zeitschr. XXVI. 88. — Java, Philippines.

Dicranoptycha Ost. Sack.

Proceed. Acad. of nat. sciences, Philadelphia, 1859, p. 203 and 217.

D. signaticollis v. d. Wulp, Tijdschr. v. Ent. XXXVIII. 36. pl. 2 f. 1. — Java.

Goniodineura v. d. Wulp.

Tijdschr. v. Entom. XXXVIII. 37 (1895).

G. nigriceps v. d. Wulp, l. c. 38. pl. 2 f. 3. — Java.

Limnobia Meig.

Syst. Beschr. I. 116 (1818).

L. costalis Wied. Anal. ent. 10; id. Auss. Zweifl. I. 35. 21. — East India.

- **apicalis** Wied. Auss. Zweifl. I. 551. 19. — Sumatra.
- **bibula** Wied. l. c. I. 552. 21. — China.

L. **aterrima** Walk. Dipt. Saund. 434. — East India.
- **sanguinea** Dol. Nat. Tijdschr. Ned. Ind. XIV. 391. pl. 2 f. 5. — Java.
- **inflxa** Walk. Proc. Linn. Soc. VIII. 104. 8. — New Guinea.

The last species is a true *Limnobia*, according to Osten Sacken, who has examined the type in the British Museum (see Berl. Ent. Zeitschr. XXXI, p. 178). All the preceeding ones are placed here only for the moment from want of data; *L. bibula* may indeed be a *Limnobia*; *aterrima* belongs probably to *Eriocera* (teste Ost. Sack.).

Dapanoptera Ost. Sack.

Ost. Sack. manuscr.; Westw. Trans. Ent. Soc. London, 1881. 365; Ost. Sack. Berl. Ent. Zeitschr. XXXI. 178.

D. **perdecora** Walk. Proc. Linn. Soc. V. 230. 6 (*Limnobia*). — New Guinea.
- **auroatra** Walk. l. c. VII. 202. 4 (*Limnobia*). — Mysol.
- **plenipennis** Walk. l. c. VIII. 103. 6 (*Limnobia*); Westw. Trans. Ent. Soc. Lond. 1881. 366. pl. 17 f. 2. — New Guinea.
- **latifascia** Walk. Proc. Linn. Soc. VIII. 104. 7 (*Limnobia*). — New Guinea.

Libnotes Westw.

Trans. Ent. Soc. Lond. 1876. 505.

L. **aurantiaca** Dol. Nat. Tijdschr. Ned. Ind. XVII. 78. 4 (*Limnobia*); Ost. Sack. Berl. Ent. Zeitschr. XXXI. 181. — Amboina.
- **impressa** Walk. Proc. Linn. Soc. I. 106. 7 (*Limnobia*). — Borneo.
- **imponens** Walk. l. c. IV. 92. 6 (*Limnobia*). — Celebes.
- **strigivena** Walk. l. c. V. 229. 4 (*Limnobia*). — New Guinea.
- **quadrifurca** Walk. l. c. V. 230. 5 (*Limnobia*). — New Guinea.
- **innotabilis** Walk. l. c. VII. 231. 4 (*Limnobia*). — Ceram.
- **Thwaitesiana** Westw. Trans. Ent. Soc. Lond. 1876, 505. pl. III f. 6. — Ceylon.
- **notata** v. d. Wulp, Tijdschr. v. Entom. XXI. 194. 1. pl. 12 f. 5; id. Dipt. Sum. exp. 12. 1. — Sumatra.
- **simplex** Ost. Sack. Ann. Mus. Gen. XVI. 402. — Ternate.
- **poeciloptera** Ost. Sack. l. c. 403. — Java, Sumatra.
- **Semperi** Ost. Sack. Berl. Ent. Zeitschr. XXVI. 88. — Philippines.

Libnotes termitina Ost. Sack. Berl. Ent. Zeitschr. XXVI. 88. — Philippines.

- **familiaris** Ost. Sack. l. c. 89. — Philippines.

Teucholabis Ost. Sack.

Proc. Acad. nat. sc. Philad. 222 (1859).

T. exclusa Walk. Proc. Linn. Soc. VIII. 105. 10 (*Limnobia*); Ost. Sack. Berl. Ent. Zeitschr. XXXI. 188. — New Guinea.

- **bicolor** Ost. Sack. Ann. Mus. Gen. XVI. 404. — Sumatra.
- **fenestrata** Ost. Sack. Berl. Ent. Zeitschr. XXXI. 188. — Ceylon.
- **determinata** Ost. Sack. l. c. XXXI. 188. — Sula (Indo-Malay archipelago).

Elephantomyia Ost. Sack.

Proc. Acad. nat. sc. Philad. 1859. 220.

E. argentocincta Walk. Proc. Linn. Soc. I. 107. 10 (*Limnobia*). — Borneo.

- **delectata** Walk. l. c. VII. 231. 3 (*Limnobia*). — Ceram.
- **filiformis** Walk. l. c. VIII. 131. 2 (*Limnobia*); Ost. Sack. Berl. Ent. Zeitschr. XXXI. 185. — Salawatti.

These species are only previously placed in this genus (see Ost. Sack. l. c.).

Mongoma Westw.

Trans. Ent. Soc. Lond. 1881. 364.

M. Trentepohlii Wied. Auss. Zweifl. I. 551. 18. pl. VI*b*, f. 12 (*Limnobia*); Macq. Suit. à Buff. I. 100. 21 (*Limnophila*); Ost. Sack. Berl. Ent. Zeitschr. XXVI. 90. — Sumatra.

- **albitarsis** Dol. Nat. Tijdschr. Ned. Ind. XIV. 391. pl. 4 f. 1 (*Cylindrotoma*); Ost. Sack. Berl. Ent. Zeitschr. XXVI. 90. — Java.
- **tenera** Ost. Sack. Berl. Ent. Zeitschr. XXVI. 89. — Philippines.
- **pennipes** Ost. Sack. Berl. Ent. Zeitschr. XXXI. 204. — Borneo.

Conosia v. d. Wulp.

Tijdschr. v. Entomol. XXIII. 159. (1880).

C. irrorata Wied. Auss. Zweifl. I. 574. 3 (*Limnobia*); v. d. Wulp,

Tijdschr. v. Entom. XXIII. 161. 7. pl. 10 f. 5—7. — Java, Sumatra, China. Also Australia (teste Skuse in litt.).

Syn. *Limnobia substituta* Walk. List Dipt. Brit. Mus. I. 39 (teste Ost. Sack., who saw the type in the British Museum).

- *Limnophila crux* Dol. Nat. Tijdschr. Ned. Ind. XIV. 388. pl. 4 f. 3.

Epiphragma Ost. Sack.

Proc. Ac. nat. sc. Philad. 238 (1859).

E. insignis v. d. Wulp, Tijdschr. v. Entom XXI. 196. 2. pl. 12 f. 6. — Sumatra.

Limnophila Macq.

Suit. à Buff. I. 95 (1834).

L. terminalis Walk. Proc. Linn. Soc. V. 230. 7 (*Limnobia*). — New Guinea.

The type of this species in the British Museum is injured, but seems to belong to *Limnophila* with five posterior cells (Ost. Sacken).

- **euchroma** Walk. l. c. VI. 4. 1 (*Limnobia*). — Gilolo.

The location in the genus *Limnophila* is doubtfull, as the type in the British Museum has no antennae (Ost. Sacken).

- **selectissima** Walk. l. c. VII. 202. 5 (*Limnobia*). — Mysol.
- **contingens** Walk. l. c. VIII. 104. 9 (*Limnobia*). — New Guinea.
- **trisignata** Walk. l. c. VIII. 105. 10 (*Limnobia*). — New Guinea.

The last three species belong to *Limnophila* (teste Ost. Sacken, who has examined the types in the Brit. Museum).

Poecilostola Schin.

Wien. Ent. Monatschr. VII. 220 (1863).

P. pallens v. d. Wulp, Not. Leyd. Mus. VII. 13. 27; id. Tijdschr. v. Entom. XXVIII. 86. 8. pl. 4 f. 8. — Java.

Gynoplistia Westw.

Lond. and Edinb. phil. Mag. 1835. 280.

G. jurgiosa Walk. Proc. Linn. Soc. III. 78. 5. — Aroe.

- **fulviceps** Walk. l. c. V. 231. 10. — New Guinea.

Gynoplistia melancholica Walk. Proc. Linn. Soc. VII. 203. 6. — Mysol.
- **insolita** Walk. l. c. VIII. 131. 4. — Salawatti.
- **jucunda** Ost. Sack. Ann. Mus. Gen. XVI. 405. — Celebes.

Trichocera Meig.

Illig. Magaz. II. 262 (1803).

Tr. ocellata Walk. Dipt. Saund. 433. — East India.

Eriocera Macq.

Dipt. exot. I. 1. 74 (1838).

E. acrostacta Wied. Dipt. exot. I. 14. 4 (*Limnobia*); id. Auss. Zweifl. I. 26. 4 (*Limnobia*); Macq. Dipt. exot. I. 1. 68. 2. pl. 9 f. 1 (*Cylindrotoma*); id. supp. 1. 18. 9. pl. 2 f. 6 (*Limnobia*); id. supp. 3. 7 (*Cylindrotoma*); v. d. Wulp, Not. Leyd. Mus. VII. 11. 23. — Java. — ? Bengal (Macq.).

Syn. ? *Limnobia Diana* Macq. Suit. à Buff. I. 107. 29; Walk. List Dipt. Brit. Mus. I. 42.

- *Oligomera javensis* Dol. Nat. Tijdschr. Ned. Ind. XIV. 387. pl. 7 f. 3.

- **basilaris** Wied. Dipt. exot. I. 15. 5; id. Auss. Zweifl. I. 27. 7 (*Limnobia*). — Java.
- **mesopyrrha** Wied. Auss. Zweifl. I. 26. 5 (*Limnobia*). — Java.
- **verticalis** Wied. l. c. I. 56. 3 (*Megistocera*); v. d. Wulp, Tijdschr. v. Entom. XXXVIII. 39. pl. 2 f. 6. — Java.

Syn. ? *Megistocera atra* Dol. Nat. Tijdschr. Ned. Ind. XVII. 80. 6.

- **nepalensis** Westw. Ann. Soc. Ent. France, 1835. 681; id. Trans. Ent. Soc. Lond. 1881. 379 (*Caloptera*). — Nepaul.
- **bicolor** Macq. Dipt. exot. I. 1. 66. 1. pl. 7 f. 2 (*Limnophila*); v. d. Wulp, Dipt. Sum. exp. 11. 1. pl. 1 f. 4, 5. — Bengal, Sumatra.
- **Hilpa** Walk. List Dipt. Brit. Mus. I. 79 (*Pterocosmus*); v. d. Wulp, Not. Leyd. Mus. VII. 12. 25. — China.
- **velutina** Walk. List Dipt. Brit. Mus. I. 79 (*Pterocosmus*). — Nepaul.
- **sumatrensis** Macq. Dipt. exot. supp. 4. 16. 11. pl. 1 f. 7. (*Limnobia*). — Sumatra.

E. **albonotata** Löw, Peter's Reise etc. ˜, pl. 1 f. 1 (*Limnobia*); Ost. Sack. Berl. Ent. Zeitschr. XXXI. 223; v. Röder, Entom. Nachr. XIX. 234. 1. — Mozambique (Löw); Ceylon (Ost. Sack. and v. Röder).

- **leucotelus** Walk. Proc. Linn. Soc. I. 6. 5 (*Limnobia*). — Singapore.
- **plecioides** Walk. l. c. I. 6. 6 (*Limnobia*). — Singapore.
- **dichroa** Walk. l. c. I. 6. 7 (*Limnobia*). — Mount Ophir.
- **rubrescens** Walk. l. c. I. 106. 8 (*Limnobia*). — Borneo.
- **pyrrhochroma** Walk. l. c. I. 106. 9 (*Limnobia*). — Borneo.
- **lunigera** Walk. l. c. I. 107. 11 (*Pterocosmus*). — Borneo.
- **inflxa** Walk. l. c. I. 107. 12 (*Pterocosmus*). — Borneo.
- **optabilis** Walk. l. c. I. 107. 13 (*Pterocosmus*). — Borneo.
- **combinata** Walk. l. c. I. 107. 14 (*Pterocosmus*). — Borneo.
- **diluta** Walk. l. c. I. 108. 15 (*Pterocosmus*). — Borneo.
- **albipuncta** v. d. Wulp, Tijdschr. v. Entom. XXIII. 158. 6. pl. 10 f. 3, 4; id. Not. Leyd. Mus. VII. 11. 24. — Java.
- **lunata** Westw. Trans. Ent. Soc. Lond. 1881. 367. pl. 18 f. 4. — Sarawak.
- **morosa** Ost. Sack. Ann. Mus. Gen. XVI. 406. — Celebes.
- **Selene** Ost. Sack. l. c. XVI. 406. — Sumatra.
- **perennis** Ost. Sack. Berl. Ent. Zeitschr. XXVI. 91. — Philippines.
- **mansueta** Ost. Sack. l. c. XXVI. 92. — Philippines.
- **ferruginosa** v. d. Wulp, Not. Leyd. Mus. VII. 13. 26. — Java.
- **Humberti** Ost. Sack. Berl. Ent. Zeitschr. XXXI. 221. — Ceylon.
- **meleagris** Ost. Sack. l. c. XXXI. 221. — Ceylon.
- **pachyrrhina** Ost. Sack. l. c. XXXI. 222. — Ceylon.
- **crystalloptera** Ost. Sack. l. c. XXXI. 222. — Ceylon.

Tanyderus Phil.

Verh. Zool. bot. Ges. XV. 780 (1865).

T. **ornatissimus** Dol. Nat. Tijdschr. Ned. Ind. XVII. 80. 7 (*Cylindrotoma*); Ost. Sack. Berl. Ent. Zeitschr. XXXI. 228. — Amboina.

BLEPHAROCERIDAE.

Hammatorhina Löw.

Bull. Soc. Ent. Ital. 1869. 98.

H. **bella** Löw, l. c. — Ceylon.

RHYPHIDAE.

Rhyphus Latr.

Hist. nat. Crust. et Ins. XIV. 291 (1804).

Rh. maculipennis v. d. Wulp, Not. Leyd. Mus. VII. 14. 28; id. Tijdschr. v. Ent. XXVIII. 87. 9. pl. 4 f. 9. and XXXVIII. 41. — Java.

A species of *Rhyphus* from New Guinea is mentioned, though not described, by Osten Sacken in Ann. Mus. Gen. XVI p. 407.

XYLOPHAGIDAE. [1])

Subula Meig.

Syst. Beschr. II. 15 (1820).

The generic name *Subula* preoccupied by Schum. Moll. 1817 (see Scudder, Nomenclator Zoolog. II. p. 306).

S. flavipes Dol. Nat. Tijdschr. Ned. Ind. XVII. 85. 18. — Amboina.

- **vittata** Dol. l. c. XVII. 86. 19. — Amboina.
- **inamoena** Walk. Proc. Linn. Soc. IV. 98. 25 (*Solva*); Ost. Sack. Ann. Mus. Gen. XVI. 407; v. d. Wulp, Not. Leyd. Mus. VII. 70. 21. — Java, Celebes.
- **hybotoides** Walk. Proc. Linn. Soc. VI. 5. 8 (*Solva*). — Gilolo.
- **calopodata** Big. Ann. Soc. Ent. de France, 1879. 195. 3. — Ternate.

Rhachicerus (Hal.) Walk.

Walk. List Dipt. Brit. Mus. I. 124 (1848) and V. 103.

Rh. fulvicornis Sn. v. Voll. Versl. en Meded. Kon. acad. v. wetensch. XV. 1 (*Antidoxion*). — Java.

- **zonatus** Ost. Sack. Ann. Mus. Gen. XVI. 408. — Sumatra.

Rhyphomorpha Walk.

Proc. Linn. Soc. V. 275 (1861).

Rh. bilinea Walk. Proc. Linn. Soc. V. 275. 19. — Batjan.

Compare what Walker has said about his genus *Rhyphomorpha* in Proc. Linn. Soc. IX. p. 3. Osten Sacken has written to me, that he has not found the type-specimen in the British Museum.

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1) *Xylophagus brunneus* Wied. (Anal. ent. 19. 1 and Auss. Zweifl. I. 85. 3) belongs to the Therevidae (see genus *Phycus*).

STRATIOMYIDAE.

HERMETIINAE.

Hermetia Latr.

Hist. nat. Crust. et Ins. XIV. 338 (1805).

H. cerioides Walk. Proc. Linn. Soc. III. 78. 8 (*Massicyta*); Ost. Sack. Ann. Mus. Gen. XVI. 411. — Moluccos, Aroe, Gilolo, Batjan, South Halmaheira.

Syn. *H. Melanaesiae* Big. Ann. Soc. Ent. de France, 5. IX, 1879. 202. 4.

- *H. Batjanensis* v. d. Wulp, Tijdschr. v. Entom. XXIII. 161. 5; id. Not. Leyd. Mus. VII. 67. 18.

- **remittens** Walk. Proc. Linn. Soc. IV. 94. 13. — Celebes.
- **rufiventris** Walk. l. c. V. 147. 7. — Amboina.
- **armata** v. d. Wulp, Not. Leyd. Mus. VII. 67. 19. — Morotai.
- **Laglaizei** Big. Ann. Soc. Ent. de France, 1887. 21. — Amberbek (New Guinea).

Massicyta Walk.

Proc. Linn. Soc. I. 7 (1857).

M. bicolor Walk. Proc. Linn. Soc. I. 8. 17. pl. 1 f. 1. — Singapore.

- **inflata** Walk. Proc. Linn. Soc. III. 78. 7. — Aroe.

Eudmeta Wied.

Auss. Zweifl. II. 43 (1830).

E. marginata Fabr. Syst. Antl. 63. 3 (*Hermetia*); Wied. Auss. Zweifl. II. 43. pl. 9 f. 4; Macq. Suit à Buff. I. 259. 1; id. Dipt. exot. supp. 3. 16. pl. 1 f. 9; Walk. Proc. Linn. Soc. I. 8. 16; v. d. Wulp, Not. Leyd. Mus. VII. 69. — Hindostan, Singapore, Sumatra, Java, Amboina.

Syn. *Hermetia cingulata* Guér. Voy. de la Coquille, Zool. II. 2. 290; id. Icon. du règn. an. 543. pl. 98 f. 1.

- *Toxocera limbiventris* Macq. Dipt. ex. supp. 4. 45. 1. pl. 5 f. 3; Sn. v. Vollenh. Hand. Ned. Ent. Ver. 1856. 107.

Campeprosopa Macq.

Dipt. ex. supp. 4. 46 (1851).

C. flavipes Macq. Dipt. ex. supp. 4. 46. 1. pl. 5 f. 4. — Java.

- **munda** Ost. Sack. Ann. Mus. Gen. XVI. 409. — Sumatra.

Ampsalis Walk.

Proc. Linn. Soc. IV. 98 (1860).

A. geniata Walk. Proc. Linn. Soc. IV. 99. 26. — Celebes.

Tracana Walk.

Proc. Linn. Soc. IV. 99 (1860).

Tr. iterabilis Walk. Proc. Linn. Soc. IV. 99. 27. — Celebes.

SARGINAE.

Chrysochlora Latr.

Fam. natur. du règne an. 494 (1825).

Chr. vitripennis Dol. Nat. Tijdschr. Ned. Ind. X. 408. 15. pl. 11 f. 2. — Java.

- **baccoides** Rond. Ann. Mus. Gen. VII. 454. — Borneo.

Sargus Fabr.

Ent. Syst. supp. 566 (1798).

S. metallinus Fabr. Syst. Antl. 258. 11; Wied. Auss. Zweifl. II. 36. 16; v. d. Wulp, Not. Leyd. Mus. VII. 65. 14. — Bengal, Hindostan, Ceylon, Java, Borneo, Amboina.

Syn. *S. formicaeformis* Dol. Nat. Tijdschr. Ned. Ind. XIV. 403. pl. 3 f. 5.

- **longipennis** Wied. Anal. ent. 31. 39; id. Auss. Zweifl. II. 34. 11; Macq. Dipt. exot. supp. 5. 47. 17. pl. 1. f. 11; Rond. Ann. Mus. Gen. VII. 454. — Java, Borneo, Malacca.
- **gemmifer** Walk. List Dipt. Brit. Mus. III. 516. — Silhet.
- **rufus** Dol. Nat. Tijdschr. Ned. Ind. XVII. 83. 12. — Amboina.
- **ferrugineus** Dol. l. c. XVII. 83. 13. — Amboina.
- **redhibens** Walk. Proc. Linn. Soc. IV. 97. 21. — Celebes.

S. mactans Walk. Proc. Linn. Soc. IV. 97. 22; Ost. Sack. Ann. Mus. Gen. XVI. 417; v. d. Wulp, Not. Leyd. Mus. VII. 65. 15. — Celebes, Ceylon.

- **inactus** Walk. Proc. Linn. Soc. IV. 97. 23. — Celebes.
- **longipes** Walk. l. c. V. 232. 14. — New Guinea.
- **consisus** Walk. l. c. V. 273. 13. — Batjan.
- **tibialis** Walk. l. c. V. 273. 14. — Batjan, Gilolo.
- **debilis** Walk. l. c. V. 274. 17. — Batjan.
- **inficitus** Walk. l. c. V. 274. 18. — Batjan.
- **fortis** Walk. l. c. VIII. 107. 17. — New Guinea.
- **mandarinus** Schin. Dipt. Nov. Reise, 62. 29. — China.
- **pallipes** Big. Ann. Soc. Ent. France, 1879. 222. 2. — Ceylon.
- **magnificus** Big. l. c. 222. 3. — Assam.
- **papuanus** Big. l. c. 223. 4. — New Guinea.
- **laetus** v. d. Wulp, Not. Leyd. Mus. VII. 66. 16. — Sumatra.
- **pubescens** v. d. Wulp, l. c. VII. 67. 17. — Gorontalo.

Ptecticus Löw.

Verh. Zool. bot. Ges. V. 142 (1855).

Pt. tenebrifer Walk. List Dipt. Brit. Mus. III. 517 (*Sargus*). — China.

- **aurifer** Walk. l. c. V. 96 (*Sargus*). — East India, China.
- **apicalis** Löw, Verh. Zool. bot. Ges. V. 142. pl. 10 f. 3, 4. — Penang, Singapore, Borneo.

  Syn. *Sargus luridus* Walk. Proc. Linn. Soc. I. 8; id. Trans. Ent. Soc. Lond. n. scr. IV. 119.
- **cingulatus** Löw, Verh. Zool. bot. Ges. V. 143. — Penang.
- **latifascia** Walk. Proc. Linn. Soc. I. 110. 28 (*Sargus*); v. d. Wulp, Not. Leyd. Mus. VII. 64. 13. — Java, Sumatra, Borneo.
- **complens** Walk. l. c. III. 81. 15 (*Sargus*). — Aroe.
- **rogans** Walk. l. c. III. 81. 16; Ost. Sack. Ann. Mus. Gen. XVI. 416 (*Sargus*). — Aroe.
- **repensans** Walk. l. c. IV. 96. 19; Ost. Sack. Ann. Mus. Gen. XVI. 416 (*Sargus*). — Celebes.
- **remeans** Walk. l. c. IV. 96. 20; Ost. Sack. Ann. Mus. Gen. XVI. 416 (*Sargus*). — Celebes.
- **quadrifasciatus** Walk. Proc. Linn. Soc. V. 146. 8; id. 274. 15; v. d. Wulp, Dipt. Sum. exp. 15. 1; Ost. Sack. Ann. Mus. Gen. XVI. 416 (*Sargus*). — Batjan, Dorei, New Guinea, Sumatra.

Ptecticus tarsalis Walk. Proc. Linn. Soc. V. 274. 16 (*Sargus*). — Batjan, Gilolo.

- **leoninus** Rond. Ann. Mus. Gen. VII. 454 (*Sargus*). — Borneo.
- **australis** Schin. Dipt. Nov. Reise, 65. 39. — Nicobar isl.
- **illucens** Schin. l. c. 65. 40; v. d. Wulp, Not. Leyd. Mus. VII. 63. — China, Japan.
- **rufescens** v. d. Wulp, Tijdschr. v. Entom. XI. 104. 7. pl. 3 f. 7—9 (*Sargus*). — East India.
- **brevipennis** Rond. Ann. Mus. Gen. VII. 454 (*Sargus*); v. d. Wulp, Not. Leyd. Mus. VII. 63. 12. — Java, Borneo.
- **Doleschallii** Big. Ann. Soc. Ent. France, 1879. 231. 2. — Mysol.
- **apicalis** v. d. Wulp, Not. Leyd. Mus. VII. 62. 10. — Sumatra, Borneo.

The name must be changed on account of *Pt. apicalis* Löw.

Chloromyia Duncan.

Magaz. Zool. and Bot. (1837).

Chl. sapphirina Walk. List Dipt. Brit. Mus. III. 519 (*Chrysomyia*). — East India.

Brachycara Thoms.

Dipt. Eugen. Resa, 460 (1868).

Br. ventralis Thoms. Dipt. Eugen. Resa, 461. pl. 9 f. 4. — Isl. Ross [1]).

Microchrysa Löw.

Verh. Zool. bot. Ges. V. 146 (1855).

M. flaviventris Wied. Anal. ent. 31. 41 (*Sargus*); id. Auss. Zweifl. II. 40. 25 (*Sargus*); Ost. Sack. Ann. Mus. Gen. XVI. 417. — East India, Java.

- **affinis** Wied. Anal. ent. 31. 42 (*Sargus*); id. Auss. Zweifl. II. 41. 26 (*Sargus*). — East India.
- **bipars** Walk. Proc. Linn. Soc. V. 273. 12 (*Chrysomyia*). — Batjan.

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1) In Thomson's „Diptera Eugenies Resa" several species are mentioned with „Patria: Insulae Rossi". Apparently is meaned a small island or some small islands of this name, belonging to the Andaman-group in the golf of Bengal.

M. annulipes Thoms. Dipt. Eugen. Resa, 461. 27 (*Chrysomyia*); Ost. Sack. Ann. Mus. Gen. XVI. 417. — Manilla, Ternate.

- **gemma** Big. Ann. Soc. Ent. de France, 1879. 231. 2. — Ceylon.

Salduba Walk.

Proc. Linn. Soc. III. 79 (1859).

S. diphysoides Walk. Proc. Linn. Soc. III. 79. 9. — Aroe.

- **hilaris** Walk. l. c. V. 271. 5. — Batjan.
- **lugubris** Walk. l. c. V. 271. 6. — Batjan.
- **melanaria** Walk. l. c. V. 272. 7. — Batjan.
- **scapularis** Walk. l. c. V. 272. 8. — Batjan.
- **singularis** Walk. l. c. V. 272. 9; Ost. Sack. Ann. Mus. Gen. XVI. 412. — Batjan, Ramoi, New Guinea.
- **gradiens** Walk. Proc. Linn. Soc. VII. 203. 8; Ost. Sack. Ann. Mus. Gen. XVI. 412. — Mysol, Ramoi, New Guinea.
- **areolaris** Walk. Proc. Linn. Soc. VII. 204. 9. — Mysol.

STRATIOMYINAE.

Stratiomyia Geoffr.

Geoffr. Ins. II. 475 (1764). (*Stratiomys*).

Str. Barca Walk. List Dipt. Brit. Mus. III. 530. — China.

- **apicalis** Walk. l. c. V. 53. 105. — Shangai.
- **inanimis** Walk. Trans. Ent. Soc. Lond. n. ser. IV. 121. — China.
- **confertissima** Walk. Proc. Linn. Soc. III. 79. 10. — Aroe.
- **parallela** Walk. l. c. VIII. 107. 16. — New Guinea.
- **flavoscutellata** v. d. Wulp, Not. Leyd. Mus. VII. 60. 7. — Java.

Odontomyia Meig.

Klassif. I. 128 (1804).

O. minuta Fabr. Ent. Syst. IV. 268. 22; id. Syst. Antl. 86. 32; Wied. Auss. Zweifl. II. 74. 23 (*Stratiomys*). — Tranquebar, East India.

- **pusilla** Fabr. Ent. Syst. IV. 271. 5 (*Stratiomys*); id. Syst. Antl. 89. 5 (*Nemotelus*); Wied. Auss. Zweifl. II. 75. 24 (*Stratiomys*). — Tranquebar.
- **viridana** Wied. Anal. ent. 29. 34; id. Auss. Zweifl. II. 66. 8 (*Stratiomys*); v. d. Wulp, Not. Leyd. Mus. VII. 61. 8. — Bengal, Tibet, Ternate.

  Syn. *O. ruficornis* Macq. Dipt. exot. supp. 4. 48. 26.

Odontomyia siderogaster Wied. Auss. Zweifl. II. 65. 7 (*Stratiomys*). — Java.

- **rubrithorax** Macq. Dipt. exot. I. 1. 185. 1. — Bengal.
- **Garatas** Walk. List Dipt. Brit. Mus. III. 532 (*Stratiomys*). — China.
- **Lutatius** Walk. l. c. III. 532; id. Proc. Linn. Soc. I. 7. 10 (*Stratiomys*). — Malacca.
- **consobrina** Macq. Dipt. exot. supp. 3. 16. 25; Walk. List Dipt. Brit. Mus. V. 53. 102 (*Stratiomys*); v. d. Wulp, Dipt. Sum. exp. 14. 1. — Java, Sumatra.
- **maculipennis** Macq. Dipt. exot. supp. 4. 54. 3. — Manilla.
- **diffusa** Walk. List Dipt. Brit. Mus. V. 53. 106 (*Stratiomys*); v. d. Wulp, Dipt. Sum. exp. 14. 2. — Java, Sumatra.
- **solennis** Walk. Dipt. Saund. 79. — East India.
- **immiscens** Walk. Proc. Linn. Soc. IV. 94. 14 (*Stratiomys*); Ost. Sack. Ann. Mus. Gen. XVI. 411. — Celebes.
- **finalis** Walk. Proc. Linn. Soc. IV. 94. 15 (*Stratiomys*). — Celebes.
- **bifascia** Walk. l. c. V. 232. 12 (*Stratiomys*). — New Guinea.
- **aequalis** Walk. l. c. V. 271. 2 (*Stratiomys*). — Batjan.
- **cinctilinea** Walk. l. c. VI. 4. 3 (*Stratiomys*). — Gilolo.
- **restricta** Walk. l. c. VII 203. 7 (*Stratiomys*). — Mysol.
- **atraria** Walk. l. c. VIII. 106. 15 (*Stratiomys*). — New Guinea.
- **staurophora** Schin. Dipt. Nov. Reise, 59. 21. — China.
- **ochropa** Thoms. Dipt. Eugen. Resa, 456. 18. — Manilla.
- **claripennis** Thoms. l. c. 456. 19. — Manilla.
- **mutica** v. d. Wulp, Not. Leyd Mus. VII. 62. 9. — Ternate.

Euceromyia Big.

Ann. Soc. Ent. de France, 5. VII, 1877, Bull. LXXIV; id. 5. IX, 1879, 188.

E. **nexura** Walk. Proc. Linn. Soc. III. 80. 11 (*Stratiomys*); Big. Ann. Soc. Ent. de France, 5. VII, 1877, Bull. LXXIV; id. 5. IX, 1879. 188. — Mysol, Aroe.

CLITELLARINAE.

Negritomyia Big. [1]).

Ann. Soc. Ent. de France, 5. VII. 1877. Bull. LXXIV; id. 5. IX, 1879. 190.

N. maculipennis Macq. Dipt. exot. supp. 4. 54. 3; Schin. Dipt. Novara Reise, 53. 3; Ost. Sack. Ann. Mus. Gen. XVI. 410; id. Berl. Ent. Zeitschr. XXVI. 99 (*Ephippium*); — Manilla, Ternate, New Guinea.

- **festinans** Walk. Proc. Linn. Soc. IV. 95. 16 (*Clitellaria*); Ost. Sack. Ann. Mus. Gen. XVI. 410 (*Ephippium*). — Celebes, Amboina.

  Syn. *Engonia aurata* Schin., Brauer, Denkschr. K. Ac. Wiss. Wien, XLIV. 76; Ost. Sack. Berl. Ent. Zeitschr. XXVI. 373.

- **albitarsis** Big. Ann. Soc. Ent. France, 1879. 207. 1 (*Ephippium*). — New Guinea.

- **consobrina** Big. l. c. 208. 2 (*Ephippium*). — New Guinea.

Ephippium Latr.

Gen. Crust. et Insect. 276 (1809).

The generic name *Ephippium* preoccupied by Bolten, Moll. 1798 (see Scudder, Nomenclator Zoolog. II. p. 113).

E. bilineatum Fabr. Syst. Antl. 79. 5 (*Stratiomys*). — Java, Sumatra, Singapore, Gilolo.

Syn. *Clitellaria bivittata* Wied. Auss. Zweifl. II. 46. 1 (the name *bivittata* is evidently a lapsus calami).

- *Ephippium angustum* Macq. Suit. à Buff. I. 252. 2.
- *Rhaphiocera spinithorax* Macq. Dipt. exot. supp. 3. 17. 3. pl. 1 f. 7.
- *Clitellaria tenebrica* Walk. List Dipt. Brit. Mus. VII. 522.
- *Ephippium spinigerum* Dol. Nat. Tijdschr. Ned. Ind. X. 407. 13. pl. 9 f. 2. (Compare what Osten Sacken says about this species in Berl. Ent. Zeitschr. XXVI. p. 373).
- *Negritomia bilineata* v. d. Wulp, Not. Leyd. Mus. VII. 59.

1) The principal difference between *Negritomyia* and *Ephippium* consists in the terminal style of the antennae, which in the former is thickly pilose over its whole length, whilst in *Ephippium* it is bare or scarcely with some bristly hairs at its base. I did not pay attention enough to this character, when I brought *Ephippium bilineatum* Fabr. in the genus *Negritomyia* (Not. Leyd. Mus. VII. 59). — Bigot, who possessed a specimen of *Clitellaria festinans* Walk., has assured me, that this species and equally his *Ephippium albitarse* and *consobrinum* belong to *Negritomyia*.

Ephippium cinereum Dol. Nat. Tijdschr. Ned. Ind. XIV. 403 (*Odontomyia*). — Amboina.

This species is wrongly placed by Doleschall in the genus *Odontomyia*. It is compared by him with his *Ephippium spinigerum* (= *bilineatum* Fabr.); like this latter it has lateral spines on the thorax, but must differ by some other form of the antennae. For the moment I bring it under the g. *Ephippium*.

- **nigerrimum** Dol. l. c. XVII. 81. 9. — Amboina.
- **gavisum** Walk. Proc. Linn. Soc. IV. 95. 17 (*Clitellaria*). — Celebes.
- **responsale** Walk. l. c. VIII. 106. 14 (*Clitellaria*). — New Guinea.

Clitellaria Meig.

Illig. Mag. II. 265 (1803).

Cl. **heminopla** Wied. Zool. Mag. III. 30. 45; id. Auss. Zweifl. II. 48. 3. — Tranquebar.

- **varia** Walk. List Dipt. Brit. Mus. V. 63. 14; id. Proc. Linn. Soc. I. 7. 12. — Java, Borneo, Malacca.
- **flaviceps** Walk. Proc. Linn. Soc. I. 7. 13. — Singapore, Borneo.
- **notabilis** Walk. Proc. Linn. Soc. I. 108. 21. — Borneo.
- **tibialis** Walk. Proc. Linn. Soc. V. 258. 1. — Celebes.

This latter species has four spines on the scutellum, and therefore perhaps will require a generic separation.

Oxycera Meig.

Illig. Mag. II. 265 (1803).

O. **manens** Walk. Proc. Linn. Soc. IV. 96. 18. — Celebes.

Ruba Walk.

Proc. Linn. Soc. IV. 101 (1860).

R. **inflata** Walk. Proc. Linn. Soc. IV. 101. 29. — Celebes.

? Syn. *Thylacosoma amboinense* Schin. Brauer, Denkschr. K. Ac. Wiss. Wien, XLIV. 77. — Amboina.

- **opponens** Walk. Proc. Linn. Soc. VIII. 107. 18. — New Guinea.

Saruga Walk.

Proc. Linn. Soc. IV. 102 (1860).

S. **conifera** Walk. Proc. Linn. Soc. IV. 103. 31. — Celebes.

Aulana Walk.

Proc. Linn. Soc. VII. 204 (1864).

A. conflrmata Walk. Proc. Linn. Soc. VII. 204. 12. — Mysol.

Musama Walk.

Proc. Linn. Soc. VII. 205 (1864).

M. pauper Walk. Proc. Linn. Soc. VII. 205. 13; Ost. Sack. Berl. Ent. Zeitschr. XXVI. 100. — Mysol, Philippines.

Nemotelus Geoffr.

Ins. II. 542 (1764).

N. albiventris Thoms. Dipt. Eugen. Resa, 462. 28. — Manilla.

Lasiopa Brullé.

Expéd. Morée III. 307 (1832).

L. radians Walk. Proc. Linn. Soc. I. 7. 14 (*Cyclogaster*). — Singapore.
- **detracta** Walk. l. c. I. 108. 22 (*Cyclogaster*). — Borneo.
- **infera** Walk. l. c. I. 108. 23 (*Cyclogaster*). — Borneo.

Trichochaeta Big.

Bull. Soc. Ent. de France, 1879. 26.

Tr. nemoteloides Big. Ann. Soc. Ent. de France, 1879. 191. — Ternate.

PACHYGASTRINAE.

Ptilocera Wied.

Auss. Zweifl. II. 58 (1830).

Pt. quadridentata Fabr. Syst. Antl. 86. 33 (*Stratiomys*); Wied Nov. Dipt. gen. 7; id. Auss. Zweifl. II. 59; Macq. Suit à Buff. I. 240. 1; Walk. Proc. Linn. Soc. l. 7; Gerst. Linn. Ent. XI. 332; Dol. Nat. Tijdschr. Ned. Ind. X. 407 and XVII. 81; Sn. v. Voll. Tijdschr. v. Entom. I. 91. 1; v. d. Wulp, Dipt. Sum. exp. 14. 1. — Malacca, Singapore, Sumatra, Java, Ternate, Gilolo, Ceram etc.
- **smaragdina** Walk. List Dipt. Brit. Mus. III. 525 and V. 303. — Ceylon, Philippines.

Ptilocera continua Walk. Dipt. Saund. 84. pl. 3 f. 2. — Java.

- **fastuosa** Gerst. Linn. Ent. XI. 332. 2; Schin. Dipt. Nov. Reise, 52. 2; v. Röder, Ent. Nachr. XIX. 234. 2. — Celebes, Ceylon.
  ? Syn. *Pt. smaragdina*, Sn. v. Voll. Tijdschr. v. Entom. I. 92. 3; Ost. Sack. Ann. Mus. Gen. XVI. 412.
- **amethystina** Sn. v. Voll. Tijdschr. v. Entom. I. 92. 2; Ost. Sack. Berl. Ent. Zeitschr. XXVI. 100. — Java, Celebes, Philippines.
- **smaragdifera** Walk. Proc. Linn. Soc. IV. 94. 12. — Celebes.

Acanthina Wied.

Auss. Zweifl. II. 50 (1830).

The generic name *Acanthina* preoccupied by Fisch. Moll. 1806 (see Scudder, Nomenclator Zool. II. p. 1).

A. azurea Gerst. Linn. Ent. XI. 335. 1. — Ceylon, Ceram, Philippines, New Guinea.

Syn. *Clitellaria obesa* Walk. Proc. Linn. Soc. V. 232. 13; Ost. Sack. Ann. Mus. Gen. XVI. 411; id. XVIII. 17.

Evasa Walk.

Proc. Linn. Soc. I. 110 (1857).

E. bipars Walk. Proc. Linn. Soc. I. 110. 25. pl. 6 f. 2. — Borneo.

- **scenopinoides** Walk. Proc. Linn. Soc. III. 81. 17 (*Nerua*); Ost. Sack. Ann. Mus. Gen. XVI. 415 (*Nerua*); v. d. Wulp, Not. Leyd. Mus. VII. 57. 2. — Aroe, Ceram, Waigoe. Gilolo, Dorei, New Guinea.

  Syn. *E. pallipes* Big. Ann. Soc. Ent. d. France, 1879. 220. 4.
- **impendens** Walk. Proc. Linn. Soc. IV. 97. 24; Ost. Sack. Ann. Mus. Gen. XVI. 414; v. d. Wulp, Not. Leyd. Mus. VII. 57. 1. — Celebes, Aroe.
- **flavipes** Big. Ann. Soc. Ent. d. France, 1879. 219. 1. — India.
- **agyroceps** Big. l. c. 219. 2. — Moluccos.
- **fulviventris** Big. l. c. 220. 3. — Moluccos.
- **pictipes** Big. l. c. 221. 5. — New Guinea.
- **mollis** Ost. Sack. Ann. Mus. Gen. XVI. 415 (*Nerua*). — Sumatra.

Phyllophora Macq.

Dipt. ex. I. 1. 178 (1838).

The generic name *Phyllophora* preoccupied by Thunberg in Orthoptera, 1812 (see Scudder, Nomenclator Zoolog. II. p. 246).

Ph. augusta Walk. Proc. Linn. Soc. I. 7. 15. — Singapore.

Culcua Walk.

Proc. Linn. Soc. I. 109 (1857).

C. simulans Walk. Proc. Linn. Soc. I. 109. 24. pl. 6 f. 1. — Borneo.

Adraga Walk.

Proc. Linn. Soc. III. 82 (1858).

A. univicta Walk. Proc. Linn. Soc. III. 82. 18. — Aroe, Mysol.

Tinda Walk.

Proc. Linn. Soc. IV. 101 (1860).

T. indica Walk. Dipt. Saund. 81. pl. 3 f. 1 (*Biastes*); v. d. Wulp, Not. Leyd. Mus. VII. 57. 3. — Java, Celebes, Manilla.

Syn. *Tinda modifera* Walk. Proc. Linn. Soc. IV. 101. 30; Ost. Sack. Ann. Mus. Gen. XVI. 413 and XVIII. 17.

\- *Phyllophora bispinosa* Thoms. Dipt. Eugen. Resa, 454. 16; Ost. Sack. l. c.

\- **recedens** Walk. Proc. Linn. Soc. V. 233. 15. — New Guinea.

\- **acanthinoidea** Jaenn. Neue ex. Dipt. 15. 11. pl. 1 f. 3 (*Elasma*); Ost. Sack. Ann. Mus. Gen. XVI. 413. — Java.

Pachygaster Meig.

Illig. Mag. II. 266 (1803).

P. rufitarsis Macq. Dipt. ex. supp. 1. 57. 1. — Pondichery.

Wallacea Dol.

Nat. Tijdschr. Ned. Ind. XVII. 82 (1858).

W. argentea Dol. Nat. Tijdschr. Ned. Ind. XVII. 82. 11. — Amboina.

Gabaza Walk.

Proc. Linn. Soc. III. 88 (1859).

G. argentea Walk. Proc. Linn. Soc. III. 80. 13. — Aroe.

Perhaps this species may be identical with *Wallacea argentea* Dol.

Obrapa Walk.

Proc. Linn. Soc. III. 82 (1859).

O. perilampoides Walk. Proc. Linn. Soc. III. 82. 19. — Aroe, Mysol.

\- **celyphoides** Walk. l. c. 83. 20. — Aroe.

Rosapha Walk.

Proc. Linn. Soc. IV. 100 (1860).

R. habilis Walk. Proc. Linn. Soc. IV. 100. 28; Ost. Sack. Ann. Mus. Gen. XVI. 413. — Celebes.

- **bicolor** Big. Ann. Soc. Ent. de France, 5. IX, 1879. 189 (*Calochaetis*); Ost. Sack. Berl. Ent. Zeitschr. XXVI. 99. — Manilla.

Enoplomyia Big.

Ann. Soc. Ent. de France, 1878. Bull. 44; id. 1879. 191.

E. cothurnata Big. Ann. Soc. Ent. de France, 1879. 191. — Batjan.

Acraspidea Brauer.

Denkschr. K. Ac. Wiss. Wien, XLIV. 19 (1882).

A. Felderi Brauer, l. c. XLIV. 76. — Ceylon.

BERINAE.

Beris Latr.

Hist. nat. Crust. et Ins. XIV. 340 (1805).

B. javana Macq. Dipt exot. I. 2. 188; v. d. Wulp, Tijdschr. v. Entom. XXIII. 163. 9; id. Dipt. Sum. exp. 13. 1. — Java, Sumatra.

With respect to *B. javana* Macq., Osten Sacken has written me: „I have had a glimpse of the type in the Paris Museum; it is either an *Evasa* or a *Tinda*, at any rate not a *Beris*. *Beris javana* v. d. Wulp must be a different species.“

TABANIDAE.

Tabanus Linn.

Faun. Suec. 462 (1761).

T. striatus Fabr. Ent. Syst. IV. 371. 89; Wied. Auss. Zweifl. I. 155. 69; v. d. Wulp, Dipt. Sum. exp. 16. 3; id. Not. Leyd. Mus. VII. 71. 24. — China, Java, Sumatra.

Syn. *T. dorsilinea* Wied. Anal. ent. 22. 10; id. Auss. Zweifl. I. 184. 10.

T. **ruflventris** Fabr. Syst. Antl. 96. 13; Wied. Dipt. exot. I. 66. 9; id. Auss. Zweifl. I. 118. 10. — East India.

- **javanus** Fabr. Syst. Antl. 103. 46; Wied. Auss. Zweifl. I. 183. 108. — Java.
- **rubidus** Wied. Dipt. exot. I. 69. 14; id. Auss. Zweifl. I. 127. 25; Walk. Proc. Linn. Soc. I. 9; v. d. Wulp, Not. Leyd. Mus. VII. 71. 23. — Bengal, Java, Sumatra.
- **ardens** Wied. Dipt. exot. I. 78. 31; id. Auss. Zweifl. I 154. 68; Macq. Dipt. exot. I. 1. 129. 16. — Java.
- **orientalis** Wied. Anal. ent. 21. 8; id. Auss. Zweifl. I. 145. 55. — East India.
- **virgo** Wied. Anal. entom. 22. 9; id. Auss. Zweifl. I. 184. 109. — East India.
- **immanis** Wied. Auss. Zweifl. I. 123. 17; v. d. Wulp, Dipt. Sum. exp. 16. 1; id. Not. Leyd. Mus. VII. 71. 22. — Java, Sumatra.
- **agricola** Wied. Auss. Zweifl. I. 556. 29; Schin. Dipt. Nov. Reise, 82. 6. — China.
- **hybridus** Wied. Auss. Zweifl. I. 557. 31. — Borneo, Macao.
- **sumatrensis** Macq. Suit. à Buff. I. 201. 16. — Sumatra.
- **brunneus** Macq. l. c. I. 203. 22; id. Dipt. exot. I. 1. 129. 15. — Java.
- **basalis** Macq. Dipt. exot. I. 1. 126. 10; v. d. Wulp, Not. Leyd. Mus. VII. 72. 26. — East India, Sumatra.
- **consanguineus** Macq. Dipt. exot. I. 1. 127. 11. — Coast of Malabar
- **pusillus** Macq. l. c. I. 1. 127. 12. — China.
- **Servillei** Macq. l. c. I. 1. 128. 13. — East India.
- **caerulescens** Macq. l. c. I. 1. 128. 14. — Java.
- **albilateralis** Macq. l. c. I. 1. 129. 17. — Java.
- **auricinctus** Macq. l. c. I. 1. 130. 18. — Ind. archipelago.
- **rubriventris** Macq. l. c. I. 1. 131. 19. — New Guinea.
- **rubicundus** Macq. Dipt. exot. supp. 1. 32. 64; supp. 3. 10; supp. 5. 27. 116. — East India.
- **univentris** Walk. List Dipt. Brit. Mus. I. 151; id. Proc. Linn. Soc. I. 9. 20. — Borneo, mount Ophir.
- **orientes** Walk. List Dipt. Brit. Mus. I. 152. — Nepaul
- **auriflamma** Walk. l. c. I. 155. — Silhet.
- **inscitus** Walk. l. c. I. 161. — Silhet.
- **mentitus** Walk. l. c. I. 162. — China.

Tabanus sinicus Walk. List Dipt. Brit. Mus. I. 163. — China.
- **amoenus** Walk. l. c. I. 163. — China.
- **internus** Walk. l. c. I. 164. — Silhet.
- **jucundus** Walk. l. c. I. 187. — China.
- **Pyrausta** Walk. Zool. VIII. app LXV. — Java.
- **vagus** Walk. l. c. app. LXVIII. — Hongkong.
- **longirostris** Walk. List Dipt Brit. Mus. V. 139. 101. — Hindostan.
- **tenebrosus** Walk. l. c. V. 242. 389. — Carara, coast of Malabar.
- **megalops** Walk. l. c. V. 247. 407. — Java.
- **aurotestaceus** Walk. l. c. V. 247. 408. — China.
- **explicatus** Walk. l. c. V. 328. — Himalaya.
- **nigropictus** Macq. Dipt. exot. supp. 5. 24. 111. — East India.
- **clausicella** Macq. l. c. supp. 5. 25. 113. — China.
- **Bubali** Dol. Nat. Tijdschr. Ned. Ind. X. 407. 11. pl. 3 f. 3. — Java.
- **humillimus** Walk. Trans. Ent. Soc. Lond. n. ser. IV. 124. — Celebes.
- **albulus** Walk. Dipt. Saund. 46. — East India.
- **Pyrrhus** Walk. l. c. 47. pl. 2 f. 4, 5. — East India.
- **albimedius** Walk. l. c. 48. — East India.
- **tenens** Walk. l. c. 49. — East India.
- **hilaris** Walk. l. c. 49. pl. 2 f. 3. — East India.

  crassus Walk l. c. 50. — East India.
- **vagus** Walk. l. c. 50. — East India, Java.
- **rubiginosus** Walk. l. c. 51. — East India.
- **umbrosus** Walk. l. c. 52. — East India.
- **hirtus** Walk. l. c. 52. — East India.
- **puella** Walk. l. c. 53. — East India.
- **sanguineus** Walk. l. c. 54. — Java.
- **obconicus** Walk. l. c. 54. — Central India.
- **fervidus** Walk. l. c. 55. — Asia.
- **consocius** Walk. l. c. 56. — East India.
- **perlinea** Walk. l. c. 56. — East India.
- **calidus** Walk. l. c. 57. — Asia?
- **signifer** Walk. l. c. 452. — China.
- **abscondens** Walk. Trans. Ent. Soc. Lond. n. ser. V. 275. — Burmah.
- **partitus** Walk. Proc. Linn. Soc. I. 9. 21. — Singapore.

T. **nexus** Walk. Proc. Linn. Soc. I. 110. 31. — Borneo.
- **fumiger** Walk. l. c. I. 110. 32. — Borneo.
- **optatus** Walk. l. c. I. 111. 33. — Borneo.
- **simplissimus** Walk. l. c. I. 111. 34. — Borneo.
- **furunculigenus** Dol. Nat. Tijdschr. Ned. Ind. XVII. 84. 15. — Amboina.
- **cinnamoneus** Dol. l. c XVII. 84. 16. — Amboina.
- **monoculus** Dol. l. c. XVII. 85. 17. — Amboina.
- **recusens** Walk. Proc. Linn. Soc. III. 83. 21. — Aroe.
- **succurvus** Walk. l. c. IV. 102. 32; Ost. Sack. Ann. Mus. Gen. XVI. 417. — Celebes.
- **factiosus** Walk. Proc. Linn. Soc. IV. 102. 33. — Celebes.
- **reducens** Walk. l. c. IV. 103. 34. — Celebes.
- **spoliatus** Walk. l. c. IV. 103. 35. — Celebes.
- **immixtus** Walk. l. c. IV. 103. 36. — Celebes.
- **flexilis** Walk. l. c. IV. 104. 37. — Celebes.
- **doreicus** Walk. l. c. V. 233. 19. — New Guinea.
- **speculum** Walk. l. c. V. 258. 3. — Celebes.
- **extricans** Walk. l. c. V. 275. 20. — Batjan.
- **insurgens** Walk. l. c. V. 276. 21; Ost. Sack. Ann. Mus. Gen. XVI. 417. — Batjan, Dorei and Ramoi, New Guinea.
- **serus** Walk. Proc. Linn. Soc. VI. 20. 3. — Ceram.
- **exagens** Walk. l. c. VII. 205. 15. — Mysol.
- **facilis** Walk. l. c. VII. 206. 16. — Mysol.
- **sylvioides** Walk. l. c. VII. 206. 17. — Mysol.
- **obscuratus** Walk. l. c. VII. 232. 7. — Ceram.
- **cohaerens** Walk. l. c. VIII. 108. 20. — New Guinea.
- **papuinus** Walk. l. c. VIII. 108. 21; Ost. Sack. Ann. Mus. Gen. XVI. 418. — New Guinea.
- **breviusculus** Walk. Proc. Linn. Soc. VIII. 109. 22. — New Guinea.
- **bucolicus** Schin. Dipt. Nov. Reise, 81. 4. — China.
- **nicobarensis** Schin. l. c. 81. 5. — Nicobar isl.
- **mandarinus** Schin. l. c. 83. 8. — China.
- **administrans** Schin. l. c. 83. 9. — China.
- **manillensis** Schin. l. c. 84. 10. — Manilla.
- **ceylonicus** Schin. l. c. 93. 33. — Ceylon.
- **leucopterus** v. d. Wulp, Tijdschr. v. Entom. XI. 98. 1. — Aroe.
- **erythrocephalus** v. d. Wulp, l. c. XI. 99. 2. — Halmaheira.

Tabanus triangularis v. d. Wulp, Tijdschr. v. Entom. XI. 100. 4. — Obi.

- **justorius** Rond. Ann. Mus. Gen. VII. 455. — Borneo.
- **alboscutatus** Rond. l. c. VII. 456. — Borneo.
- **pauper** Rond. l. c. VII. 456. — Borneo.
- **ignobilis** Rond. l. c. VII. 457. — Borneo.
- **dives** Rond. l. c. VII. 457. — Borneo.
- **fulvissimus** Rond. l. c. VII. 458. — Borneo.
- **variegatus** Rond. l. c. VII. 458. — Borneo.
- **apicalis** Rond. l. c. VII. 459. — Borneo.
- **geniculatus** v. d. Wulp, Dipt. Sum. exp. 16. 2. pl. 1 f. 7. — Sumatra.
- **incultus** v. d. Wulp, l. c. 17. 4. pl. 1 f. 8. — Sumatra.
- **tristis** v. d. Wulp, l. c. 17. 5. pl. 1 f. 9. — Sumatra.
- **fumipennis** v. d. Wulp, l. c. 18. 6. pl. 1 f. 10. — Sumatra.
- **minimus** v. d. Wulp, l. c. 18. 7. pl. 1 f. 11; id. Not. Leyd. Mus. VII. 71. 25. — Java, Sumatra.
- **Vanderwulpi** Ost. Sack. Berl. Ent. Zeitschr. XXVI. 97. — Celebes, Philippines.

  Syn. *T. pictipennis* v. d. Wulp, Tijdschr. v. Entom. XI. 100. 3. pl. 3 f. 1, 2.
- **Ixion** Ost. Sack. Berl. Ent. Zeitschr. XXVI. 99. — Philippines.
- **equestris** v. d. Wulp, Not. Leyd. Mus. VII. 77. 31. pl. 5 f. 6. — Java, Sumatra, Borneo.
- **Felderi** v. d. Wulp, l. c. VII. 78. 32. pl. 5 f. 7. — Ningpo.
- **leucosparsus** Big. Nouv. Archiv. du Mus. 1891. 203. — Laos.
- **nigrotectus** Big. l. c. 204 (*Bellardia*). — Laos.

  The distinctive characters of the genus *Bellardia* Rond. (Archiv. per la Zool. Modena, III. p. 81, 1863) may also be found in many other species of *Tabanus*.
- **melanognathus** Big. l. c. 204 (*Atylotus*). — Laos.

  Mr. Osten Sacken told me, that the signification of his genus *Atylotus* (Mem. nat. hist. Soc. Boston, II. p. 426, 1876) is totally misunderstood by Bigot, and most, perhaps *all* the species, described by the latter in that genus, do *not* belong to it.
- **laotianus** Big. l. c. 205 (*Atylotus*). — Laos.
- **sinicus** Big. Mém. Soc. Zool. V. 629 (*Bellardia*). — China.
- **annamitus** Big. l. c. V. 630 (*Bellardia*). — Saigon.
- **macer** Big. l. c. V. 649 (*Atylotus*). — India.

T. albocostatus Big. Mém. Soc. Zool. V. 649 (*Atylotus*). — India.
- **conicus** Big. l. c. V. 650 (*Atylotus*). — India.
- **melanopygatus** Big. l. c. V. 651 (*Atylotus*). — India.
- **leucopogon** Big. l. c. V. 651 (*Atylotus*). — India.
- **augustus** Big. l. c. V. 652 (*Atylotus*). — India.
- **oxyceratus** Big. l. c. V. 652 (*Atylotus*). — India.
- **assamensis** Big. l. c. V. 653 (*Atylotus*). — Assam.
- **birmanicus** Big. l. c. V. 653 (*Atylotus*). — Burmah.
- **pagodinus** Big. l. c. V. 654 (*Atylotus*). — India.
- **monilifer** Big. l. c. V. 654 (*Atylotus*). — India.
- **monotaeniatus** Big. l. c. V. 655 (*Atylotus*). — India.
- **nephodes** Big. l. c. V. 656 (*Atylotus*). — India.
- **leucocrematus** Big. l. c. V. 656 (*Atylotus*). — India.
- **Joïdus** Big. l. c. V. 657 (*Atylotus*). — India.
- **flaviventris** Big. l. c. V. 657 (*Atylotus*). — India.
- **fuscicauda** Big. l. c. V. 658 (*Atylotus*). — Ceylon.
- **pallidepectoratus** Big. l. c. V. 658 (*Atylotus*). — Saigon.
- **bituberculatus** Big. l. c. V. 659 (*Atylotus*). — China?
- **andamanicus** Big. l. c. V. 668 (*Atylotus*). — Andaman isl.
- **cinerascens** Big. l. c. V. 669 (*Atylotus*). — Java.
- **lacrymans** Big. l. c. V. 669 (*Atylotus*). — Java.
- **abbreviatus** Big. l. c. V. 669 (*Atylotus*). — Java.
- **picticornis** Big. l. c. V. 671 (*Atylotus?*). — New Guinea.
- **Sonnerati** Big. l. c. V. 672 (*Atylotus*). — New Guinea.
- **alfonrensis** Big. l. c. V. 672 (*Atylotus*). — New Guinea.
- **Laglaisei** Big. l. c. V. 673 (*Atylotus*). — Waigoe.
- **glaber** Big. l. c. V. 678. — India.
- **nitidulus** Big. l. c. V. 679. — Java.
- **rufocallosus** Big. l. c. V. 679. — Java.
- **indistinctus** Big. l. c. V. 689. — Dorei.
- **Raffreyi** Big. l. c. V. 690. — New Guinea.
- **yulensis** v. Röder, Stett. Ent. Zeitung, 1892. 244. — Mount Yule, New Guinea.

Ditylomyia Big.

Revue et Mag. de Zool. XI. 305 (1859).

D. ornata Big. Revue et Mag. de Zool. XI. 306. — Ceylon.

Mycteromyia Phil.

Verh. Zool. bot. Ges. Wien, V. 712 (1865).

M. nigrifacies Big. Mém. Soc. Zool. V. 607. — India.

Diachlorus Ost. Sack.

Mem. Bost. Soc. of nat. hist. II. 475 (1876).

D. flavipennis Macq. Dipt. ex. supp. 4. 35. 3 (*Diabasis*). — Philippines.

Rhinomyza Wied.

Dipt. ex. I. 29 (1821).

Rh. fusca Wied. Nov. Dipt. gen. 8; id. Dipt ex. I. 59. 1; id. Auss. Zweifl. I. 104. 1; Macq. Suit. à Buff. I. 196. 1. — Java.

Pangonia Latr.

Hist. nat. Crust. et Ins. III. 437 (1802).

P. amboinensis Fabr. Syst. Antl. 91. 7; Wied. Dipt. exot. I. 53. 4; id. Auss. Zweifl. I. 92. 10; Walk. List Dipt. Brit. Mus. I. 131 and V. 324. — Sikkim, Himalaya, Amboina.

- **longirostris** Hardwicke, Trans. Linn. Soc. XIV. 384. pl. 6 f. 5, 6; Wied. Auss. Zweifl. II. 621. 14; v. Röder, Stett. Ent. Zeit. 1881. 384. — Nepaul.
- **lasiophthalma** Boisd. Voyage de l'Astrolabe, Zool. II. 666. pl. 12 f. 19; Macq. Suit. à Buff. I. 193. 7; Walk. List Dipt. Brit. Mus. V. 139. 103. — New Guinea.
- **rufa** Macq. Dipt. exot. supp. 4. 18. 41. — Bombay.
- **Taprobanes** Walk. List Dipt. Brit. Mus. V. 324. — Ceylon.
- **caliginosa** Walk. Proc. Linn. Soc. VIII. 108. 19. — New Guinea.

Gastroxides Saund.

Trans. Ent. Soc. Lond. III. 59 (1841).

G. ater Saund. Trans. Ent. Soc. Lond. III. 59. pl. 5 f. 4; id. IV. 233 (♂). — Central India.

Silvius Meig.

Syst. Beschr. II. 27 (1820).

S. dimidiatus v. d. Wulp, Tijdschr. v. Entom. XI. 102. 5. pl. 3 f. 3—5; Ost. Sack. Ann. Mus. Gen. XVI. 418. — Salawatti.

According to Ost. Sacken (l. c.) this species is not a true *Silvius*.

Chrysops Meig.

Illig. Magaz. II. 267 (1803).

Chr. dispar Fabr. Ent. Syst. supp. 567 (*Tabanus*); id. Syst. Antl. 112. 5; Wied. Dipt. exot. I. 102. 1; id. Auss. Zweifl. I. 196. 3; Macq. Dipt. exot. I. 1. 159. 5; id. supp. 3. 14; Ost. Sack. Ann. Mus. Gen. XVI. 418; id. Berl. Ent. Zeitschr. XXVI. 97; v. d. Wulp, Dipt. Sum. exp. 19. 1; v. Röder, Entom. Nachr. XIX. 234. 3. — Ceylon, Java, Sumatra, Borneo, Philippines.

Syn. *Haematopota lunata* Gray, Griff. Anim. Kingd. XV. 2. pl. 114 f. 4.

Syn. *Chrysops impar* Rond. Ann. Mus. Gen. VII. 460.

- **fasciatus** Wied. Dipt. exot. I. 103. 3; id. Auss. Zweifl. I. 198. 5; Dol. Nat. Tijdschr. Ned. Ind. XVII. 84. — Java, Borneo, Amboina.
- **bifasciatus** Macq. Dipt. exot. I. 1. 157. 3. — Bengal.
- **translucens** Macq. l. c. I. 1. 158. 4. — Java.

? Syn. *Chr. pellucidus* Fabr. Syst. Antl. 113. 11; Wied. Dipt. exot. I. 107. 8; id. Auss. Zweifl. I. 206. 18. — Tranquebar.

- **flaviventris** Macq. Dipt. exot. supp. 1. 44. 13. — East India.
- **ligatus** Walk. List Dipt. Brit. Mus. I. 195. — Bengal.
- **terminalis** Walk. l. c. I. 195. — East India.
- **semicirculus** Walk. l. c. I. 196. — East India.
- **rufitarsis** Macq. Dipt. exot. supp. 3. 14. 16. — Java.
- **stimulans** Walk. Dipt. Saund. 73. — East India.
- **sinensis** Walk. l. c. 453. — China.
- **fixissimus** Walk. Proc. Linn. Soc. I. 112. 37. — Borneo.
- **signifer** Walk. l. c. V. 276. 22; Ost. Sack. Berl. Ent. Zeitschr. XXVI. 97. — Batjan, Philippines, Borneo.

[9] Var. *Chr. unizonatus* Rond. Ann. Mus. Gen. VII 460.

Chrysops parallelus Walk. Proc. Linn. Soc. V. 276. 23. — Batjan.

- **manillensis** Schin. Dipt. Nov. Reise, 104. 65. — Manilla.
- **albicinctus** v. d. Wulp, Tijdschr. v. Entom. XI. 103. 6. pl. 3 f. 6; Ost. Sack. Ann. Mus. Gen. XVI. 418. — Salawatti and Hatam, New Guinea.

  Perhaps the same as *Chr. pellucidus* Fabr. and *translucens* Macq.?
- **clavicrus** Thoms. Dipt. Eugen. Resa, 452. 14. — Malacca.
- **alter** Rond. Ann. Mus. Gen. VII. 460. — Borneo.
- **striatus** v. d. Wulp, Not. Leyd. Mus. VII. 49. 33. — Amoy.
- **cinctus** Big. Mém. Soc. Zool. V. 602. — Philippines.

Haematopota Meig.

Illig. Magaz. II. 267 (1803).

H. roralis Fabr. Syst. Antl. 107. 2; Wied. Dipt. exot. I. 97. 1; id. Auss. Zweifl. I. 215. 3; Walk. List Dipt. Brit. Mus. I. 208. — Tranquebar, Borneo, Java.

- **javana** Wied. Dipt. exot. I. 100. 5 (♀), 101. 7 (♂); id. Auss. Zweifl. I. 218. 7; Rond. Ann. Mus. Gen. VII. 461 (*H. asiatica*); v. d. Wulp, Dipt. Sum. exp. 19. 1. pl. 1 f. 12. — Java, Sumatra, Borneo.

  The name *asiatica* Rond. is a lapsus calami.
- **cingulata** Wied. Auss. Zweifl. I. 216. 5. — Java.
- **irrorata** Macq. Dipt. exot. I. 1. 163. pl. 19 f. 3; Ost. Sack. Ann. Mus. Gen. XVI. 419; v. d. Wulp, Dipt. Sum. exp. 19. 2. pl. 1 f. 13. — Java, Sumatra.

  ? Syn. *H. pungens* Dol. Nat. Tijdschr. Ned. Ind. X. 407. 12. pl. 4 f. 3.
- **cana** Walk. List Dipt. Brit. Mus. I. 207. — Bengal.
- **lunulata** Macq. Dipt. exot. supp. 3. 15. 4. pl. 1 f. 6; v. d. Wulp, Dipt. Sum. exp. 20. 3. pl. 1 f. 14; Ost. Sack. Berl. Ent. Zeitschr. XXVI. 97. — Java, Sumatra, Philippines.
- **atomaria** Walk. Proc. Linn. Soc. I. 112. 39. — Borneo.
- **borneana** Rond. Ann. Mus. Gen. VII. 461. — Borneo.
- **cilipes** Big. Nouv. Archiv. Mus. 1891. 205. — Laos.
- **pachycera** Big. l. c. 206. — Laos.
- **limbata** Big. Mém. Soc. Zool. V. 626. — Bengal (see Bull. Soc. Zool. XVI p. 78).

H. **cordigera** Big. Mém. Soc. Zool. V. 626. — Bengal.
- **indiana** Big. l. c. V. 627. — Bengal (see Bull. Soc. Zool. XVI. p. 78).
- **punctifera** Big. l. c. V. 629. — Java.

LEPTIDAE.

Leptis Fabr.

Syst. Antl. 69 (1805).

L. decisa Walk. Proc. Linn. Soc. I. 15. 47. — Malacca.
- **impar** Walk. Proc. Linn. Soc. V. 282. 45. — Batjan.
- **uniguttata** Ost. Sack. Ann. Mus. Gen. XVI. 422. — Sumatra.

Chrysopila Macq.

Dipt. du nord d. l. France (1827).

Chr. ferruginosa Wied. Zool. Mag. III. 4. 31; id. Dipt. ex. I. 110. 1; id. Auss. Zweifl. I. 224. 6 (*Leptis*); Walk. Proc. Linn. Soc. IV. 110. 57; Ost. Sack. Ann. Mus. Gen. XVI. 419; id. Berl. Ent. Zeitschr. XXVI. 102. — Java, Amboina, etc.
Syn. *Heliomyia ferruginea* Dol. Nat. Tijdschr. Ned. Ind. XIV. 402. pl. 7 f. 5.
- **maculipennis** Walk. Proc. Linn. Soc. I. 118. 72. — Borneo.
- **vacillans** Walk. l. c. III. 89. 47; Ost. Sack. Ann. Mus. Gen. XVI. 420. — Aroe.
- **guttipennis** Walk. Proc. Linn. Soc. V. 282. 46. — Batjan.
- **stylata** Walk. l. c. VIII. 208. 33. — Mysol.
- **insularis** Schin. Dipt. Nov. Reise, 199. 8. — Nicobar islands.
- **lupina** Ost. Sack. Ann. Mus. Gen. XVI. 420. — Sumatra.
- **correcta** Ost. Sack. Berl. Ent. Zeitschr. XXVI. 101. f. 2. — Philippines.

Leptipalpus Rond.

Nuov. Ann. d. scienc. nat. Bologna. II. 183 (1850).

L.? waigiensis Big. Bull. Soc. Zool. de France, XII (1887). 108. — Waigoe.

Atherix Meig.

Illig. Magaz. II. 271 (1803).

A. nigritarsis Dol. Nat. Tijdschr. Ned. Ind. XVII. 92. 30. — Amboina.
- **limbata** Ost. Sack. Berl. Ent. Zeitschr. XXVI. 100. — Philippines.
- **labiata** Big. Bull. Soc. Zool. de France. XII (1887). 117. — Ceylon.

Macellopalpus Big.

Ann. Soc. Ent. de France, 1886, Bull. XLVIII.

M. flaveolus Big. l. c. — New Guinea.

Suragina Walk.

Proc. Linn. Soc. IV. 110 (1860).

S. illucens Walk. Proc. Linn. Soc. IV. 110. 58. — Celebes.
- **signipennis** Walk. l. c. VI. 8. 22. — Gilolo.

THEREVIDAE.

Thereva Latr.

Précis car. gén. Ins. 167 (1796).

Th. albina Wied. Zool. Mag. III. 3. 2; id. Dipt. exot. I. 112. 5; id. Auss. Zweifl. I. 233. 9. — Java.
- **lateralis** Eschh. Entomogr. I. 118. 82; Wied. Auss. Zweifl. I. 231. 4; Ost. Sack. Ann. Mus. Gen. XVI. 434; id. Berl. Ent. Zeitschr. XXVI. 113. — Ternate, Philippines.
- **nigella** Wied. Auss. Zweifl. I. 232. 6. — Tranquebar.
- **vittigera** Wied. l. c. I. 558. 33. — Sumatra.
- **cylindrica** Walk. List Dipt. Brit. Mus. I. 224. — East India.
- **sequa** Walk. Dipt. Saund. 157. — East India.
- **sequens** Walk. l. c. 158. — East India.
- **persequa** Walk. l. c. 158. — East India.
- **nivaria** Walk. l. c. 159. — East India.
- **indica** Walk. l. c. 159. — East India.
- **praecedens** Walk. Proc. Linn. Soc. I. 118. 73. — Borneo.
- **congrua** Walk. l. c. III. 90. 48. — Aroe, Waigoe.
- **conscita** Walk. l. c. VI. 8. 23. — Gilolo.
- **funebris** Walk. l. c. VIII. 111. 27. — New Guinea.

Psilocephala Zett.

Ins. lapp. 525 (1840).

Ps. indica v. d. Wulp, Tijdschr. v. Entom. XXIII. 169. 23. — Java.

- **indica** Big. Ann. Soc. Ent. de France, 1889. 326. 3. — India. (nomen bis lectum).

Phycus Walk.

Dipt. Saund. p. 2 (1856).

? **Ph. brunneus** Wied. Anal. ent. 19. 1; id. Auss. Zweifl. I. 85. 3 (*Xylophagus*). — East India.

According to Osten Sacken, who has seen the typical specimen of Wiedemann in the Museum of Vienna, it belongs to the Therevidae and apparently to *Phycus*.

- **canescens** Walk. List Dipt. Brit. Mus. I. 129 (*Xylophagus*); id. Dipt. Saund. 2. pl. 1 f. 5 (*Phycus*); id. v. Röder, Berl. Ent. Zeitschr. XXIX. 140. — Bengal.

NEMESTRINIDAE.

Nemestrina Latr.

Hist. nat. Crust. et Ins. XIV. 319 (1804).

N. javana Macq. Dipt. exot. II. 1. 17. 6. — Java.

Colax Wied.

Anal. ent. 18 (1824).

The generic name *Colax* preoccupied by Hübner, in Lepidoptera, 1816 (see Scudder, Nomenclator Zoolog. II, p. 74).

C. javanus Wied. Anal. ent. 18. 2; id. Auss. Zweifl. II. 261. 2; v. d. Wulp, Dipt. Sum. exp. 26. 1. — Java, Sumatra.

- **variegatus** Westw. Orient. Entom. 38. pl. 18 f. 5. — Singapore, Sumatra.

BOMBYLIDAE.

Exoprosopa Macq.

Dipt. exot. II. 1. 35 (1840).

E. Satyrus Fabr. Syst. Ent. 758. 10 (*Bibio*); id. Ent. Syst. IV. 259. 13; Wied. Auss. Zweifl. I. 322. 95 (*Anthrax*); v. d. Wulp, Tijdschr. v. Entom. XI. 106. 8. pl. 3 f. 10. — Aroe.

Exoprosopa Lar Fabr. Spec. Ins. II. 414. 10 (*Bibio*); id. Ent. Syst. IV. 257. 4; id. Syst. Antl. 110. 8; Wied. Dipt. exot. I. 127. 12; id. Auss. Zweifl. I. 268. 18 (*Anthrax*). — Bengal.

- **Sphinx** Fabr. Mant. Insect. II. 329. 20 (*Bibio*); id. Ent. Syst. IV. 261. 20; id. Syst. Antl. 126. 39; Wied. Dipt. exot. I. 121. 4; id. Auss. Zweifl. I. 258. 7 (*Anthrax*); Macq. Dipt. exot. II. 1. 37. 2. — East India.
- **Tantalus** Fabr. Ent. Syst. IV. 260. 15; Wied. Auss. Zweifl. I. 255. 4; Macq. Suit. à Buff. I. 402. 2 (*Anthrax*); id. Dipt. exot. II. 1. 37. 4 (*Exoprosopa*); Rond. Ann. Mus. Gen. VII. 453 (*Hyperalonia*); Kirby, Ann. and Mag. of nat. hist. 1884. 458 (*Anthrax*). — Hindostan, China, Java, Borneo, Celebes.
- **pennipes** Wied. Dipt. exot. I. 129. 14; id. Auss. Zweifl. I. 272. 23 (*Anthrax*); Macq. Dipt. exot. II. 1. 49. 33 (*Exoprosopa*); Rond. Ann. Mus. Gen. VII. 452 (*Hyperalonia*). — Borneo (also the Cape).
- **aurantiaca** Guér. Iconogr. du règn. anim. p. 39. — Bengal.
- **Doryca** Boisd. Voyage de l'Astrol. Zool. II. 665. pl. 12 f. 12 (*Anthrax*); v. d. Wulp, Not. Leyd. Mus. VII. 81. 36; Ost. Sack. Ann. Mus. Gen. XVI. 433. — Amboina, Timor, Aroe, Gilolo, Waigoe.

  Syn. *Exoprosopa Audouini* Macq. Dipt. exot. II. 1. 36. pl. 16 f 1.

  - *Anthrax ventrimacula* Dol. Nat. Tijdschr. Ned. Ind. XIV. 399. pl. 9 f. 1.
  - *Anthrax Pelops* Walk. Proc. Linn. Soc. III. 90.
  - *Exoprosopa Leuconoë* Jaenn. Neue exot. Dipt. 37. 41.

E. obliqua Macq. Dipt. exot. II. 1. 37. 3. pl. 16 f. 8. — Timor.

- **albicincta** Macq. l. c. II. 1. 38. 8; Schin. Dipt. Nov. Reise, 118. 4. — China.
- **bengalensis** Macq. Dipt. exot. II. 1. 49. 34. pl. 18 f. 4. — Bengal.
- **javana** Macq. l. c. II. 1. 49. 35. pl. 18 f. 6. — Java.
- **fuscipennis** Macq. l. c. supp. 3. 33. 54. pl. 3 f. 9. — Java.
- **binotata** Macq. l. c. supp. 5. 69. 66. — East India.
- **purpuraria** Walk. Dipt. Saund. 169. — East India.
- **flaviventris** Dol. Nat. Tijdschr. Ned. Ind. XIV. 400. — Amboina.
- **caeruleopennis** Dol. l. c. XIV. 400. pl. 9 f. 2; Ost. Sack. Ann. Mus. Gen. XVI. 433. — Amboina.
- **chrysolampis** Jaenn. Neue exot. Dipt. 36. 40. pl. 1 f. 8; Ost. Sack. Ann. Mus. Gen. XVI. 433. — Java, Moluccos.

E. **Bramah** Schin. Dipt. Nov. Reise, 118. 6. — Ceylon.
- **tristis** v. d. Wulp, Tijdschr. v. Entom. XI. 107. 9. pl. 3 f. 11. — Timor.
- **Oenomaus** Rond. Ann. Mus. Gen. VII. 453 (*Hyperalonia*); Ost. Sack. Berl. Ent. Zeitschr. XXVI. 112. — Borneo, Philippines.
- **vitrea** Big. Ann. Soc. Ent. France, LXI. 344. 1. — Pondichery.

Anthrax Scop.

Ent. Carn. 358 (1763).

A. **Troglodyta** Fabr. Syst. Antl. (*Bibio*); id. Wied. Auss. Zweifl. I. 306. 70; v. d. Wulp, Not. Leyd. Mus. VII. 83. 38. — Java, Sumatra.
Syn. *A. hyalina* Wied. Dipt. exot. I. 141. 34; id. Auss. Zweifl. I. 297. 57; v. d. Wulp, Tijdschr. v. Entom. XXIII. 165. 16.
- *A. lucens* Walk. Dipt. Saund. 180.
- **afra** Fabr. Ent. Syst. IV. 258. 7; id. Syst. Antl. 122. 15; Schin. Faun. austr. I. 50. — East India (also Europe and Senegal).
Syn. *A. fimbriata* Meig. Syst. Beschr. II. 154. 21. pl. 17 f. 13; Macq. Suit. à Buff. I. 405. 16; id. Dipt. exot. II. 1. 62. 18.
- **bipunctata** Fabr. Syst. Antl. 118. 3; Wied. Dipt. exot. I. 138. 28; id. Auss. Zweifl. I. 286. 42. — Tranquebar.
- **fulvula** Wied. Dipt. exot. I. 148. 46; id. Auss. Zweifl. I. 307. 71. — Java.
- **Dia** Wied. Anal. ent. 23. 12; id. Auss. Zweifl. I. 293. 51. — Tranquebar.
- **collaris** Wied. Auss. Zweifl. I. 271. 21; Walk. List Dipt. Brit. Mus. II. 247. — Madras (Walk.).
Syn. *A. ruficollis* Saund. Trans. Ent. Soc. III. 59. pl. 5 f. 5.
- **Absalon** Wied. Auss. Zweifl. I. 317. 88. — Java.
- **emarginata** Macq. Dipt. exot. II. 1. 59. 10. pl. 21 f. 6. — Timor.
- **Duvaucelii** Macq. l. c. II. 1. 63. 23. pl. 20 f. 7. — Bengal.
- **leucopyga** Macq. l. c. II. 1. 74. 58. pl. 21 f. 1. — Timor.
- **dives** Walk. List Dipt. Brit. Mus. II. 240. — Silhet.
- **Alexon** Walk. l. c. II. 246. — East India.
- **basifascia** Walk. l. c. II. 248. — Bengal.
- **bimacula** Walk. l. c. II. 254. — China.

Anthrax latifascia Walk. Trans. Ent. Soc. 2. ser. IV. 142. — China.
- **combinata** Walk. l. c. IV. 143. — China.
- **semilucida** Walk. Dipt. Saund. 170. — East India.
- **albida** Walk. l. c. 171. — East India.
- **auriplena** Walk. l. c. 171. — East India.
- **insulata** Walk. l. c. 172. — East India.
- **carbonaria** Walk. l. c. 173. — East India.
- **manifesta** Walk. l. c. 178. — East India.
- **clara** Walk. l. c. 179. — East India.
- **lucida** Walk. l. c. 179. — East India.
- **limpida** Walk. l. c. 179. — East India.
- **aperta** Walk. l. c. 180. — East India.
- **albofulva** Walk. l. c. 182. — East India.
- **instituta** Walk. l. c. 183. — East India.
- **referens** Walk. l. c. 189. — East India.
- **degenera** Walk. Proc. Linn. Soc. I. 15. 48; id. IV. 113. 67. — Singapore, Macassar.
- **satellita** Walk. l. c. I. 119. 77. — Borneo.
- **aterrima** Dol. Nat. Tijdschr. Ned. Ind. XVII. 93. 32; v. d. Wulp, Tijdschr. v. Entom. XXIII. 165. 18. pl. 10 f. 9. — Amboina, Macassar.

  Syn. *A. proferens* Walk. Proc. Linn. Soc. IV. 113. 68.
- **angustata** Dol. Nat. Tijdschr. Ned. Ind. XVII. 93. 33. — Amboina.
- **pretendens** Walk. Proc. Linn. Soc. IV. 111. 62. — Macassar, Waigoe.
- **antecedens** Walk. l. c. IV. 111. 63. — Macassar.
- **congrua** Walk. l. c. IV. 112. 64. — Macassar.
- **demonstrans** Walk. l. c. IV. 112. 65. — Macassar.
- **praedicans** Walk. l. c. IV. 112. 66. — Macassar.
- **devecta** Walk. l. c. V. 148. 21. — Amboina.
- **emittens** Walk. l. c. V. 148. 22. — Amboina.
- **confirmata** Walk. l. c. V. 283. 48. — Batjan.
- **emissa** Walk. l. c. VII. 233. 20. — Ceram.
- **apicifera** Walk. l. c. VIII. 111. 28. — New Guinea.
- **terminalis** v. d. Wulp, Tijdschr. v. Entom. XI. 108. 10. pl. 3 f. 12. — Halmaheira.
- **trimaculata** v. d. Wulp, l. c. XI. 110. 12. pl. 4 f. 2. — Timor.
- **carbo** Rond. Ann. Mus. Gen. VII. 453. — Borneo.

Argyramoeba Schin.

Wien. Ent. Monatschr. IV. 51 (1860).

A. **distigma** Wied. Auss. Zweifl. I. 309. 74 (*Anthrax*); Macq. Dipt. ex. II. 1. 58. 9 (*Anthrax*); Schin. Dipt. Nov. Reise, 122, 14; v. d. Wulp, Tijdschr. v. Entom. XXIII. 166. 19; id. Not. Leyd. Mus. VII. 83. 38; Ost. Sack. Berl. Ent. Zeitschr. XXVI. 112. — Java, Sumatra, Celebes, Philippines, Gorontalo, Salawatti.

Syn. *Anthrax argyropyga* Dol. Nat. Tijdschr. Ned. Ind. XIV. 401.

- *Anthrax tripunctata* v. d. Wulp, Tijdschr. v. Ent. XI. 109. 11. pl. 4 f. 1.

- **semiscita** Walk. Proc. Linn. Soc. I. 118. 76 (*Anthrax*); Ost. Sack. Ann. Mus. Gen. XVI. 432. — Borneo, Celebes, Waigoe.

- **melania** v. d. Wulp, Not. Leyd. Mus. VII. 84. 40. pl. 5 f. 8. — Java.

- **appendiculata** Big. Ann. Soc. Ent. de France, 1892. 347. 1. — Pondichery.

Eucharimyia Big.

Ann. Soc. Ent. de France, 1888. Bull. p. CXL (*Euchariomyia*) [1])

E. **dives** Big. l. c. — Ceylon.

Comptosia Macq.

Dipt. exot. II. 1. 80 (1851).

C. **brunnipennis** v. d. Wulp, Tijdschr. v. Entom. XI. 110. 13. pl. 4 f. 3. — Timor.

Neuria Newm.

Entomologist 1. p. 220 (1841).

N. **indecora** v. d. Wulp, Not. Leyd. Mus. VII. 85. 41. — Poeloe Gamoe.

Bombylius Linn.

Faun. Succ. 1918 (1761).

B. **maculatus** Fabr. Syst. Ent. 803. 6; Wied. Auss. Zweifl. I. 342. 19. — Tranquebar.

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1) Modification of the name *Euchariomyia* in *Eucharimyia* by the author in litteris.

Bombylius tricolor Guér. Iconogr. du règne an. III. 543. — Java.
- **orientalis** Macq. Dipt. exot. II. 1. 90. 9. pl. 6 f. 2. — East India.
- **ardens** Walk. List Dipt. Brit. Mus. II. 284. — East India.
- **socius** Walk. Dipt. Saund. 201. — East India.
- **fulvipes** Big. Ann. Soc. Ent. France, 1892. 362. 2. — Pondichery.
- **albosparsus** Big. l. c. 362. 3. — Pondichery.

Comastes Ost. Sack.

West. Dipt. 256 (1877).

C. pulchellus v. d. Wulp, Tijdschr. v. Entom. XXIII. 164. 15. pl. 10 f. 8; id. Not. Leyd. Mus. VII. 15 (*Bombylius*). — Java.

Systoechus Löw.

Neue Beiträge, III. 34 (1855).

S. eupogonatus Big. Ann. Soc. Ent. de France, 1892. 365. 1. — Hindostan.

Anastoechus Ost. Sack.

West. Dipt. 251 (1877).

A. longirostris v. d. Wulp, Not. Leyd. Mus. VII. 85. 43. — Himalaya.

Toxophora Meig.

Illig. Magaz. II. 270 (1803).

T. javana Wied. Dipt. exot. I. 179. 2; id. Auss. Zweifl. I. 363. 4; Macq. Suit. à Buff. I. 387. 2. — Java.
- **Zilpa** Walk. List Dipt. Brit. Mus. II. 298. — China.

Systropus Wied.

Nov. gen. Dipt. 19 (1820).

S. eumenoides Westw. Mag. de Zool. 1842. 4. pl. 90; id. Trans. Ent. Soc. 1876. 575. 6. pl. 10 f. 13. — East India.
- **ophioneus** Westw. Trans. Ent. Soc. V. 233. pl. 23 f. 6; id. Trans. 1876 574. 4. — East India.
- **sphegoides** Walk. Proc. Linn. Soc. IV. 113. 69; Westw. Trans. Ent. Soc. 1876. 576. 7. — Macassar.

S. Blumei Voll. Versl. en meded. K. acad. wet. XV. 8. 1. f. 4. — Java.
- **tessellatus** Voll. l. c. 9. 2. — Sumatra.
- **polistoides** Westw. Trans. Ent. Soc. 1876. 575. 5. — Siam.
- **tipuloides** Westw. l. c. 576. 8. — Isle Sulu (Malayan archipelago).

Geron Meig.

Syst. Beschr. II. 223 (1820).

G. simplex Walk. Proc. Linn. Soc. III. 90. 52. — Aroe.

Phthiria Meig.

Illig. Magaz. II. 268 (1803).

P. gracilis Walk. Dipt. Saund. 184. — East India.

CYRTIDAE.

Ogcodes Latr.

Précis caract. génér. Ins. 154 (1796).

O. costalis Walk. Dipt. Saund. 203 (*Henops*). — East India.

MYDAIDAE.

Mydas [1]) Fabr.

Ent. Syst. IV. 252 (1794).

M. ruficornis Wied. Anal. ent. 20. 4; id. Auss. Zweifl. I. 242. 6; Westw. Arcana, I. 52. 19; Walk. List Dipt. Brit. Mus. VI. 367. 32. — Tranquebar.
- **basifascia** Walk. Proc. Linn. Soc. IV. 104. 401; Ost. Sack. Ann. Mus. Gen. XVI. 423. — Macassar, Sumatra.

ASILIDAE.

DASYPOGINAE.

Leptogaster Meig.

Illig. Magaz. II. 269 (1804).

L. Marion Walk. List Dipt. Brit. Mus. II. 484. — Bengal.

1) See about the spelling of this generic name (*Mydas* or *Midas*) Osten Sacken, in Berl. Entom. Zeitschr. XL, p. 345.

Leptogaster moluccanus Dol. Nat Tijdschr. Ned. Ind. XIV. 398. pl. 8 f. 3 (*Gonypes*). — Amboina.
- **tricolor** Walk. Proc. Linn. Soc. I. 117. 68. — Borneo.
- **inutilis** Walk. l. c. I. 117. 69. — Borneo.
- **unicolor** Dol. Nat. Tijdschr. Ned. Ind. XVII. 89. 26 (*Gonypes*). — Amboina.
- **annulipes** Dol. l. c. XVII. 90. 27 (*Gonypes*). — Amboina.
- **ferrugineus** Walk. Proc. Linn. Soc. III. 89. 43. — Aroe.
- **longipes** Walk. l. c. III. 89. 44. — Aroe, Mysol.
- **albimanus** Walk. l. c. III. 89. 45; v. Röder, Entom. Nachr. XIX. 234. 4. — Aroe, Ceylon.
- **mundus** Walk. l. c. IV. 109. 56. — Celebes.
- **tarsalis** Walk. l. c. V. 281. 43. — Batjan, Ceram.
- **exactus** Walk. l. c. VI. 18. 6. — Ternate.
- **magnicollis** Walk. l. c VI. 21. 8. — Ceram.
- **vitiosus** v. d. Wulp, Tijdschr. v. Entom. XV. 137. 1. — Java.
- **habilis** v. d Wulp, l. c. XV. 138. 2. — Timor.
- **hirticollis** v. d. Wulp, l. c. XV. 139. 3. — Timor.
- **macilentus** v. d. Wulp, l. c. XV. 139. 4. — Java.
- **levis** v. d. Wulp, l. c. XV. 140. 5. — Sumatra.
- **simplex** Big. Ann. Soc. Ent. de France, 1878. 444. 1. — Ceylon.
- **fulvipes** Big. l. c. 446. 5. — Ternate.
- **varipes** v. d. Wulp, Tijdschr. v. Entom. XXIII. 166. 20. — Padang.
- **angelus** Ost. Sack. Ann. Mus. Gen. XVI. 426. — Celebes.
- **inflatus** Ost. Sack. l. c. XVI. 426. — Celebes.
- **princeps** Ost. Sack. Berl. Ent. Zeitschr. XXVI. 102. — Philippines.

Cyrtopogon Löw.

Linn. Ent. II. 516 (1847).

C. laphrides Walk. Dipt. Saund. 99. pl. 3 f. 7. — East India.

Stichopogon Löw.

Linn. Ent. II. 499 (1847).

St. nicobarensis Schin. Dipt. Nov. Reise, 161. 6. — Kondul.
- **albicapillus** v. d. Wulp, Tijdschr. v. Entom. XV. 147. — Java.
- **cinctellus** Big. Ann. Soc. Ent. de France, 1878. 440. 3. — Tidore.
- **peregrinus** Ost. Sack. Berl. Ent. Zeitschr. XXVI. 108. — Philippines.

Scleropogon Löw.

Dipt. Amer. sept. Cent. VII. nº. 45 (1866).

Sc. piceus v. Röder, Entom. Nachr. XIX. 234. 6. — Ceylon.

Laphyctis Löw.

Dipterenfn. S. Afr. 112 (1860).

L. stigmaticalis Big. Ann. Soc. Ent. de France, 1878. 430. 1. — East India.

Holcocephala Jaenn.

Neue exot. Dipt. 51 (1867).

H. prytanis Walk. List Dipt. Brit. Mus. II. 363 (*Discocephala*). — Bengal.

- **dorsalis** Walk. Proc. Linn. Soc. I. 9. 23 and 113. 42 (*Discocephala*). — Malacca, Borneo.
- **pandens** Walk. l. c. IV. 104. 40 (*Discocephala*). — Celebes.
- **concolor** Walk. l. c. V. 259. 5 (*Discocephala*). — China.
- **hirsuta** v. d. Wulp, Tijdschr. v. Entom. XV. 146 (*Discocephala*). — Sumatra.

Damalis Fabr.

Syst. Antl. 147 (1805).

D. planiceps Fabr. Syst. Antl. 148. 2. Wied. Zool. Mag. I. 60. pl. 2 f. 4; id. Auss. Zweifl. I. 417. 4; Macq. Suit. à Buff. I. 316. 2; id. Dipt. exot. I. 2. 154. 2. — Tranquebar, coast of Coromandel.

- **myops** Fabr. Syst. Antl. 148. 4; Wied. Auss. Zweifl. I. 417. 3; Macq. Suit. à Buff. I. 316. 1. — Sumatra.
- **maculata** Wied. Auss. Zweifl. I. 416. 2; v. d. Wulp, Tijdschr. v. Entom. XV. 144. 4. — Java.
- **fulvipes** Westw. Ann. Soc. Ent. de France, 1835. 685 (*Chalcidimorpha*); v. Röder, Entom. Nachr. XIX. 234. 5. — Ceylon.
- **tibialis** Macq. Dipt. exot. I. 2. 154. 1. pl. 12 f. 6. — East India.
- **Andron** Walk. List Dipt. Brit. Mus. II. 480. — China.
- **fusca** Walk. l. c. II. 481. — Bengal.
- **fumipennis** Walk. l. c. VII. 765. 11. — Java.
- **signata** Walk. Trans. Ent. Soc. n. ser. V. 283. — Burmah.

Damalis erythrophthalma Dol. Nat. Tijdschr. Ned. Ind. XVII. 91. 29. — Amboina.

- **lugens** Walk. Proc. Linn. Soc. V. 237. 32. — New Guinea.
- **Felderi** Schin. Verh. Zool. bot. Ges. XVII. 365. 19. — Ceylon.
- **grossa** Schin. Dipt. Nov. Reise, 161. 8. — China.
- **marginata** v. d. Wulp, Tijdschr. v. Entom. XV. 142. 1. — Borneo.
- **nigella** v. d. Wulp, l. c. XV. 143. 2; Ost. Sack. Berl. Ent. Zeitschr. XXVI. 106. — Menado, Philippines.
- **major** v. d. Wulp, Tijdschr. v. Entom. XV. 143. 3; id. Dipt. Sum. exp. 21. 1. — Borneo, Sumatra.
- **pallida** v. d. Wulp, Tijdschr. v. Entom. XV. 145. 5. — Borneo, Sumatra.
- **saigonensis** Big. Ann. Soc. Ent de France, 1878. 443. — Saigoen.
- **immerita** Ost. Sack. Berl. Ent. Zeitschr. XXVI. 105. — Philippines.
- **vitripennis** Ost. Sack. l. c. XXVI. 106. — Philippines.

Damalina Dol.

Nat. Tijdschr. Ned. Ind. XVII. 90 (1858).

D. laticeps Dol. Nat. Tijdschr. Ned. Ind. XVII. 91. 28. — Amboina.

- **Semperi** Ost. Sack. Berl. Ent. Zeitschr. XXVI. 107. — Philippines.
- **cyanella** Ost. Sack. l. c. XXVI. 108. — Philippines.

Habropogon Löw.

Linn. Ent. II. 463 (1847).

H. jucundus v. d. Wulp, Tijdschr. v. Entom. XV. 148; id. Dipt. Sum. exp. 22. 1. — Java, Sumatra.

Xiphocerus Macq.

Suit. à Buff. I. 279 (1834). — (*Xiphocera*).

X. Percheronii Macq. Suit. à Buff. I. 280. 1. — Sumatra.

- **rufithorax** Dol. Nat. Tijdschr. Ned. Ind. VII. 86. 20. — Amboina.
- **complacitus** v. d. Wulp, Tijdschr. v. Entom. XV. 150. — Waigoe.

Scylaticus Löw.

Oefv. Kongl. ak. Förh. XIV. 349 (1857).

Sc. degener Schin. Dipt. Nov. Reise, 163. 13. — China.

- **vertebratus** Big. Ann. Soc. Ent. de France, 1878. 435. 3. — Java.

Dioctria Meig.

Illig. Magaz. II. 270 (1803).

D. claviventris Walk. Proc. Linn. Soc. V. 233. 20. — New Guinea.

Lochites Schin.

Verh. Zool. bot. Ges. XVI. 671 (1866).

The generic name *Lochites* preoccupied by Cab., Aves, 1850 (see Scudder, Nomenclator Zoolog. II, p. 179).

L. testaceus Big. Ann. Soc. Ent. de France, 1878. 425. 1. — Burmah

Saropogon Löw.

Linn. Ent. II. 439 (1847).

S. scalaris Big. Ann. Soc. Ent. de France, 1878. 413. 1. — East India.

Microstylum Macq.

Dipt. exot. I. 2. 26 (1838).

M. apicale Wied. Dipt. exot. I. 216. 4; id. Auss. Zweifl. I. 372. 10 (*Dasypogon*); Macq. Dipt. exot. I. 2. 29. 6. — Bengal.

- **nigricauda** Wied. Anal. ent. 26. 23; id. Auss. Zweifl. I. 377. 17 (*Dasypogon*). — East India.
- **spectrum** Wied. Auss. Zweifl. I. 368. 2 (*Dasypogon*). — China.
- **dux** Wied. l. c. I. 568. 55 (*Dasypogon*); Schin. Dipt. Nov. Reise, 167. 21. — China, Manilla.

  Syn. *Micr. sinense* Macq. Dipt. exot. I. 2. 29. 7. pl. 29 f. 3 (excl. syn. Fabr.)

  - *Laphria Shalumus* Walk. List Dipt. Brit. Mus. II. 371.
- **Vica** Walk. List Dipt. Brit. Mus. II. 304 (*Dasypogon*). — Silhet, Borneo.
- **Rhyphae** Walk. l. c. II. 305; id. VI. 472. 256 (*Dasypogon*). — Silhet.
- **Polygnotes** Walk. l. c. II. 305; id. VI. 472. 255 (*Dasypogon*). — East India.
- **Balbillus** Walk. l. c. II. 307; id. VI. 472. 258 (*Dasypogon*). — Nepaul.

Microstylum Libo Walk. List Dipt. Brit. Mus. II. 342; id. VI. 472. 260 (*Dasypogon*). — East India.

- **Otacilius** Walk. l. c. II. 344; id. VI. 472. 257 (*Dasypogon*). — East India.
- **Sura** Walk. l. c. II. 345; id. VI. 473. 259 (*Dasypogon*). — East India.
- **spinitarse** Macq. Dipt. exot. supp. 4. 61. 15. — Silhet.
- **brevipenne** Macq. l. c. supp. 4. 62. 16. — Silhet.
- **bicolor** Macq. l. c. supp. 4. 62. 17. — Silhet.
- **flaviventre** Macq. l. c. supp. 4. 62. 18. — Silhet.
- **imbutum** Walk. Dipt. Saund. 96; id. List Dipt. Brit. Mus. VI. 472. 262 (*Dasypogon*). — East India.
- **apiforme** Walk. Dipt. Saund. 97; id. List Dipt. Brit. Mus. VI. 472. 261 (*Dasypogon*). — East India.
- **trimelos** Walk. Dipt. Saund. 97; List Dipt. Brit. Mus. VI. 473. 263 (*Dasypogon*). — East India.
- **sordidum** Walk. List Dipt. Brit. Mus. VI. 505 (*Dasypogon*). — China.
- **incomptum** Walk. Proc. Linn. Soc. I. 112. 41 (*Dasypogon*). — Borneo.
- **proclive** Walk. Trans. Ent. Soc. n. ser. V. 277 (*Dasypogon*). — Burmah.
- **indutum** Rond. Ann. Mus. Gen. VII. 446. — Borneo.
- **vestitum** Rond. l. c. VII. 447. — Borneo.
- **amoyense** Big. Ann. Soc. Ent. France, 1878. 401. 1. — Amoy.
- **erythropygum** Big. l. c. 402. 2. — Assam.
- **basirufum** Big. l. c. 403. 3. — Assam.
- **brevipennatum** Big. l. c. 403. 4. — East India.
- **eximium** Big. l. c. 404. 5. — Burmah.
- **haemorrhoidale** Big. l. c. 404. 6. — Burmah.
- **nitidiventre** Big. l. c. 405. 7. — Burmah.
- **nigrum** Big. l. c. 405. 8. — Cambodgia.

Dasypogon Meig.

Illig. Magaz. II. 270 (1803).

D. albonotatus Wied. Dipt. exot. I. 181. 5 (*Dioctria*); id. Auss. Zweifl. I. 402. 58. — Bengal.

D. virens Wied. Auss. Zweifl. I. 398. 51. — Java.
- **dorsalis** Wied. l. c. I. 418. 77. — East India.
- **Ambryon** Walk. List Dipt. Brit. Mus. II. 311. — Bengal.
- **Damias** Walk. l. c. II. 313. — Bengal.
- **Aphrices** Walk. l. c. II. 314. — Nepaul.
- **Echelus** Walk. l. c. II. 314. — Nepaul.
- **Imbrex** Walk. l. c. II. 315. — Nepaul.
- **Volcatus** Walk. l. c. II. 346. — East India.
- **Hypsaon** Walk. l. c. II. 348. — China.
- **Cerco** Walk. l. c. II. 349. — China.
- **subauratus** Walk. l. c. VI. 470. 252. — China.
- **scatophagoides** Walk. l. c. VI. 475. 272. — East India.
- **incisus** Macq. Dipt. exot. supp. 5. 49. 76. — East India.
- **pulverifer** Walk. Dipt. Saund. 98. — East India.
- **imberbis** Dol. Nat. Tijdschr. Ned. Ind. X. 408. 17. pl. 10 f. 2. — Java.
- **lanatus** Dol. l. c. XIV. 392. pl. 2 f. 4. — Amboina.
- **inopinatus** Walk. Trans. Ent. Soc. n. ser. V. 278. — Burmah.
- **inopportunus** Walk. l. c. V. 278. — Burmah.
- **decretus** Walk. l. c. V. 279. — Burmah.
- **inopinus** Walk. Proc. Linn. Soc. III. 83. 22. — Aroe.
- **honestus** Walk. l. c. III. 83. 28. — Aroe.
- **glabratus** Walk. l. c. V. 277. 25. — Batjan.
- **congressus** Walk. l. c. V. 302. 1. — Tidore.
- **solutus** Walk. l. c. VI. 5. 9. — Gilolo.
- **semifilatus** Walk. l. c. VI. 5. 10. — Gilolo.
- **indecorus** Walk. l. c. VIII. 109. 23. — New Guinea.

Some of the species, mentioned here under the genus *Dasypogon*, may belong to any of the more recently established genera.

LAPHRINAE.

Hoplistomerus Macq.

Dipt. exot. I. 2. 59 (1838).

H. serripes Fabr. Syst. Antl. 159. 16 (*Laphria*); Wied. Dipt. exot. I. 211. 11 (*Dasypogon*); id. Auss. Zweifl. I. 505. 11 (*Laphria*);

Macq. Dipt. exot. I. 2. 60. pl. 5 f. 4; Löw, Dipt. fn. S. Afr. 119. — Guinea.

Syn. *Laphria maculipennis* Macq. Suit. à Buff. I. 285. 22.

Mentioned here, on account of Macquart, who has seen a specimen from Manilla (Macq. Dipt. exot. supp. I. 71). I presume, however, this will be a mistake about its origin.

Hyperechia Schin.

Verh. Zool. bot. Ges. XVI. 673 (1866).

H. **xylocopiformis** Walk. List Dipt. Brit. Mus. II. 385 (*Laphria*). — Madras.

- **fera** v. d. Wulp, Tijdschr. v. Entom. XV. 155. — Borneo.

Pogonosoma Rond.

Dipt. Ital. Prodr. I. 160 (1856).

P. **Bleekeri** Dol. Nat. Tijdschr. Ned. Ind. XVII. 88. 23 (*Laphria*). — Amboina.

- **stigmatica** v. d. Wulp, Tijdschr. v. Entom. XV. 157. 1. — Sumatra.
- **semifusca** v. d. Wulp, Tijdschr. v. Entom. XV. 158. 2. — Batjan.
- **Beccarii** Rond. Ann. Mus. Gen. VII. 449. — Borneo.

Laphria Meig.

Illig. Magaz. II. 270 (1803).

L. **Reinwardtii** Wied. Auss. Zweifl. I. 503. 7; Macq. Dipt. exot. supp. I. 72; Schin. Dipt. Nov. Reise, 172. 37; v. d. Wulp, Tijdschr. v. Entom. XV. 167. 2. — Malacca, Java, Sumatra, Borneo.

Syn. *Asilus apicatus* Walk. List Dipt. Brit. Mus. II. 456.

Laphria fervens Walk. l. c. VII. 554. 140.

Laphria saeva Walk. l. c. VII. 554. 141.

- **alternans** Wied. Auss. Zweifl. I. 511. 20; v. d. Wulp, Tijdschr. v. Entom. XV. 189. 24. — Bengal, Singapore, Java, Borneo.

Syn. *L. senomera* Macq. Dipt. exot. I. 2. 65. 8.

- **Vulcanus** Wied. Auss. Zweifl. I. 514. 25; Walk. Proc. Linn. Soc.

V. 264. 4; v. d. Wulp, Tijdschr. v. Entom. XV. 177. 12; id. Dipt. Sum. exp. 22. 4. — Malacca, Java, Sumatra, Ceram.

L. **scapularis** Wied. Auss. Zweifl. I. 516. 29; Walk. List Dipt. Brit. Mus. VII. 550. 122; v. d. Wulp, Tijdschr. v. Entom. XV. 192. 27; Ost. Sack. Berl. Ent. Zeitschr. XXVI. 110. — Java, Philippines.

- **leucoprocta** Wied. Auss. Zweifl. I. 517. 30; Macq. Dipt. exot. supp. 3. 23. — Java.
- **erythropyga** Wied. Auss. Zweifl. II. 509. 17. — Brazil (Wied.).

According to Walker (List Dipt. Brit. Mus. VII. 538. 78) this species also occurs on Java: probably this will be a mistake.

- **javana** Macq. Suit. à Buff. I. 282. 10. — Java.
- **iodisoma** Boisd. Voyage de l'Astrol., Zool. II. 660. pl. 12 f. 9. — New Guinea.
- **Dorei** Boisd. l. c. 662. pl. 12 f. 10 (*Dasypogon*).
- **gigas** Macq. Dipt. exot. I. 2. 65. 7; v. d. Wulp, Tijdschr. v. Entom. XV. 165. 1. — East India.

Syn.? *L. horrida* Walk. List Dipt. Brit. Mus. VII. 551. 127.

- **latere-punctata** Macq. Dipt. exot. I. 2. 66. 9. — China.
- **notabilis** Macq. l. c. I. 2. 71. 20; v. d. Wulp, Tijdschr. v. Entom. XV. 187. 22; Ost. Sack. Ann. Mus. Gen. XVI. 428. — Mysol, Halmaheira, New Guinea.

Syn. *L. flagrantissima* Walk. Proc. Linn. Soc. III. 86. 23; id. V. 279. 34.

- *L. ardescens* Walk. l. c. V. 235. 23.

- **dimidiata** Macq. Dipt. exot. supp. 1. 72. 23; id. supp. 3. 24; Ost. Sack. Berl. Ent. Zeitschr. XXVI. 109. — Manilla, Java.
- **Taphius** Walk. List Dipt. Brit. Mus. II. 380; Ost. Sack. Ann. Mus. Gen. XVI. 429. — Celebes, Ceram, Philippines.

Osten Sacken (Berl. Ent. Zeitschr. XXVI. 109) suspects that *L. Taphius* Walk. is the same species as *L. dimidiata* Macq.

- **Tucca** Walk. List Dipt. Brit. Mus. II. 437 (*Asilus*); id. VII. 553. 136 (*Laphria*). — In the latter passage the species is classed among the Asiatic ones.
- **Elva** Walk. List Dipt. Brit. Mus. II. 445 (*Asilus*); id. VII. 553. 137 (*Laphria*). — N. Bengal.
- **luteipennis** Macq. Dipt. exot. supp. 3. 23. 34; v. d. Wulp, Tijdschr. v. Entom. XV. 184. 19. — Java.

Laphria flavifacies Macq. Dipt. exot. supp. 4. 72. 36; v. d. Wulp, Tijdschr. v. Entom. XV. 182. 17; id. Dipt. Sum. exp. 23. 6. — Java, Sumatra.

- **bipartita** Macq. Dipt. exot. supp. 5. 52. 43. — Java.
- **dira** Walk. List Dipt. Brit. Mus. VII. 551. 128. — Sumatra.
- **chrysotelus** Walk. l. c. VII 552. 131. — East India.
- **triangularis** Walk. l. c. VII. 553. 138. — Sumatra, Borneo.
- **constricta** Walk. l. c. VII. 555. 142. — Sumatra, Borneo.
- **aurigena** Walk. Dipt. Saund. 109. pl. 4 f. 8 (*Choerades*). — East India.
- **villipes** Dol. Nat. Tijdschr. Ned. Ind. XIV. 397. 5. pl. 2 f. 2. — Amboina.
- **tristis** Dol. l. c. XIV. 398. 6. pl. 2 f. 1; Walk. Proc. Linn. Soc. V. 146. 11; Ost. Sack. Ann. Mus. Gen. XVI. 428 — Amboina, Gilolo, Ceram.
- **abscissa** Walk. Trans. Ent. Soc. n. ser. V. 282. — Burmah.
- **notabilis** Walk. Proc. Linn. Soc. I. 10. 25. — Malacca, Mount Ophir, Borneo.

  Nomen bis lectum; see *L. notabilis* Macq. p. 83.
- **Orcus** Walk. Proc. Linn. Soc. I. 10. 28. — Malacca.
- **basifera** Walk. l. c. I. 11. 31. — Singapore.
- **radicalis** Walk. l. c. I. 11. 32. — Mount Ophir (4000 ft.).

  Walker presumes that this and the preceding may be both sexes of the same species.
- **inaurea** Walk. l. c. I. 11. 33. — Singapore, Borneo.
- **basigutta** Walk. l. c. I. 11. 34. — Singapore.
- **sobria** Walk. l. c. I. 12. 36. — Singapore.
- **plana** Walk. l. c. I. 12. 37. — Singapore, Borneo.
- **imbellis** Walk. l. c. I. 12. 38. — Singapore.
- **unifascia** Walk. l. c. I. 113. 51. — Borneo.
- **comptissima** Walk. l. c. I. 113. 52. — Borneo.
- **rudis** Walk. l. c. I. 114. 53. — Borneo.
- **producta** Walk. l. c. I. 114. 54. — Borneo.
- **lepida** Walk. l. c. I. 114. 55. — Borneo.
- **completa** Walk. l. c. I. 114. 56. — Borneo.
- **incivilis** Walk. l. c. I. 115. 57. — Borneo.
- **partita** Walk. l. c. I. 115. 58. — Borneo.
- **interrupta** Walk. l. c. I. 115. 59. — Borneo.

L. **cingulifera** Walk. Proc. Linn. Soc. I. 115. 60. — Borneo.

- **detecta** Walk. l. c. I. 116. 61. — Borneo.
- **puer** Dol. Nat. Tijdschr. Ned. Ind. XVII. 87. 21; Walk. Proc. Linn. Soc. V. 147. 17; Ost. Sack. Ann. Mus. Gen. XVI. 418. — Amboina, Waigoe, Dorei.
- **dissimilis** Dol. Nat. Tijdschr. Ned. Ind. XVII. 87. 22. — Amboina.
- **justa** Walk. Proc. Linn. Soc. III. 86. 34. — Aroe.
- **manifesta** Walk. l. c. III. 87. 35. — Aroe, Waigoe.
- **aperta** Walk. l. c. III. 87. 36. — Aroe, Waigoe.
- **declarata** Walk. l. c. III. 87. 37. — Aroe.
- **concludens** Walk. l. c. IV. 105. 41. — Aroe.
- **complens** Walk. l. c. IV 106. 46. — Celebes, Waigoe.
- **dioctrioides** Walk. l. c. IV. 106. 47. — Celebes.
- **ampla** Walk. l. c. V. 147. 16. — Amboina.
- **liturifera** Walk. l. c. V. 234. 22. — New Guinea.
- **disciplena** Walk. l. c. V. 235. 24. — New Guinea.
- **tripars** Walk. l. c. V. 235. 25. — New Guinea.
- **bipars** Walk. l. c. V. 235. 26. — New Guinea.
- **flammipennis** Walk. l. c. V. 263. 3. — Tondano.
- **obliquistriga** Walk. l. c. V. 264. 5; v. d. Wulp, Tijdschr. v. Entom. XV. 193. 28. — Halmaheira.

  Osten Sacken (Ann. Mus. Gen. VII. 429), who examined the typical species in the British Museum, supposes *L. obliquistriga* v. d. Wulp to be a species different from that of Walker.
- **conveniens** Walk. Proc. Linn. Soc. V. 278. 29. — Batjan, Gilolo.
- **argentifera** Walk. l. c. V. 279. 32. — Batjan.
- **basifera** Walk. l. c. V. 279. 35. — Batjan.

  Nomen bis lectum: see *L. basifera* Walk. on the preceding page.
- **setipes** Walk. l. c. VI. 6. 14. — Gilolo.
- **flagellata** Walk. l. c. VI. 6. 15. — Gilolo.
- **ostensa** Walk. l. c. VI. 21. 6. — Ceram.
- **divulsa** Walk. l. c. VII. 206. 24. — Mysol.
- **auribasis** Walk. l. c. VII. 223. 7. — Waigoe.
- **tibialata** Walk. l. c. VIII. 110. 24. — New Guinea.
- **pipunculoides** Walk. l. c. VIII. 110. 26. — New Guinea.
- **terminalis** v. d. Wulp, Tijdschr. v. Entom. XV. 169. 3. — Celebes.
- **Blumei** v. d. Wulp, l. c. XV. 170. 4; id. Dipt. Sum. exp. 22. 1. — Java, Sumatra.

Laphria pernigra v. d. Wulp, Tijdschr. v. Entom. XV. 170. 5. — Halmaheira.

- **auricincta** v. d. Wulp, l. c. XV. 171. 61. — Celebes, Timor, Philippines.

  ? Syn. *L. partita* Walk. Proc. Linn. Soc. IV. 105. 45.

  This synonymy is suggested by Osten Sacken (Ann. Mus. Gen. XVI. 428) on comparing Walker's typical specimens. The name *partita* Walk., though older, must be done away, because it is a nomen bis lectum: see *L. partita* Walk. p. 84.

- **definita** v. d. Wulp, Tijdschr. v. Entom. XV. 172. 7. — Ceram.
- **ignobilis** v. d. Wulp, l. c. XV. 173. 8; id. Dipt. Sum. exp. 22. 3. — Java, Sumatra.
- **Mulleri** v. d. Wulp, Tijdschr. v. Entom. XV. 174. 9. — Borneo.
- **gravipes** v. d. Wulp, l. c. XV. 175. 10. — Java.
- **Bernsteinii** v. d. Wulp, l. c. XV. 175. 11. — Halmaheira, Batjan.
- **solita** v. d. Wulp, l. c. XV. 178. 13. — Java, Timor.
- **histrionica** v. d. Wulp, l. c. XV. 179. 14; id. Dipt. Sum. exp. 22. 5. — Sumatra.

  Perhaps this species is synonym with *L. notabilis* Walk. Proc. Linn. Soc. I. 10. 25 (see p. 84).

- **aureola** v. d. Wulp, Tijdschr. v. Entom. XV. 180. 15. — Java.
- **tricolor** v. d. Wulp, l. c. XV. 181. 16. — Java.
- **futilis** v. d. Wulp, l. c. XV. 183. 18. — Borneo, Sumatra.
- **ferruginosa** v. d. Wulp, l. c. XV. 185. 20. — Ceram.
- **amabilis** v. d. Wulp, l. c. XV. 186. 21. — Gebeh.
- **rubidofascia** v. d. Wulp, l. c. XV. 188. 23. — Waigoe.
- **soror** v. d. Wulp, l. c. XV. 190. 25. — Halmaheira etc.
- **signatipes** v. d. Wulp, l. c. XV. 191. 26. — Sumatra.
- **nigro-caerulea** v. d. Wulp, l. c. XV. 194. 29. — New Guinea.
- **barbicrura** Rond. Ann. Mus. Gen. VII. 447. — Borneo.
- **fulvicrura** Rond. l. c. VII. 448. — Borneo.
- **seticrura** Rond. l. c. VII. 448. — Borneo.
- **semifulva** Big. Ann. Soc. France, 1878. 223. 2. — East India.
- **melania** Big. l. c. 224. 3. — Moluccos.
- **claripennis** Big. l. c. 224. 4. — Ceylon.
- **bisnigra** Big. l. c. 231. 3 (*Maira*). — Batjan.

  Bigot declares (Ann. Soc. Ent. France, 1881 p. 373) this species synonymous with *L. basifera* Walk. — Walker, however,

has described two different species under that name; it is therefore not certain, if Bigot had in view either the one or the other; on comparing the descriptions, I think he means *L. basifera* Wlk. Proc. Linn. Soc. I. 11. 31 from Singapore.

L. diversa v. d. Wulp, Dipt. Sum. exp. 22. 2. — Sumatra.

- **Phalaris** Ost. Sack. Berl. Ent. Zeitschr. XXVI. 109. — Philippines.

- **pseudolus** Ost. Sack. l. c. XXVI. 110. — Philippines.

Maira Schin.

Verh. Zool. bot. Ges. XVI. 673 (1866).

M. aenea Fabr. Syst. Antl. 161. 23; Wied. Dipt. exot. I. 238. 11; id. Auss. Zweifl. I. 515. 28 (*Laphria*); Macq. Dipt. exot. I. 2. 61. 1; id. supp. 3. 21 (*Lampria*); v. d. Wulp, Tijdschr. v. Entom. XV. 202. 4. — Java, Amboina.

Syn. ? *Laphria cyanea* Macq. Suit. à Buff. I. 286. 27.

- *Laphria colorata* Boisd. Voyage de l'Astrol. Zool. II. 661. pl. 12 f. 11.

- ? *Laphria pellucida* Dol. Nat. Tijdschr. Ned. Ind. XIV. 396. 2. pl. 1 f. 3.

- *Laphria comes* Walk. Proc. Linn. Soc. III. 85. 30.

- *Laphria consors* Walk. l. c. III. 85. 31.

- **spectabilis** Guér. Voyage d. l. Coquille, Zool. II. 292; Walk. List Dipt. Brit. Mus. VIII. 550. 124 (*Laphria*); v. d. Wulp, Tijdschr. v. Entom. XV. 199. 1; Ost. Sack. Ann. Mus. Gen. XVI. 432. — Ceram, Halmaheira, etc.

Syn. *Laphria splendida* Guér. Voy. d. l. Coquille, atl. pl. 20 f. 7.

- *Laphria replens* Walk. Proc. Linn. Soc. V. 234. 41.

- *Laphria congrua* Walk. l. c. V. 277. 26.

- **aurifacies** Macq. Dipt. exot. supp. 3. 22. 33 (*Laphria*); Schin. Dipt. Nov. Reise, 174. 42; v. d. Wulp, Tijdschr. v. Entom. XV. 212. 12. — Malacca, Singapore, Borneo, Sumatra, Moluccos.

- **auribarbis** Macq. Dipt. exot. supp. 3. 22. 4 (*Lampria*); id. supp. 4. 71. — Java.

- **elegans** Walk. List Dipt. Brit. Mus. VII. 551. 128 (*Laphria*). — Sumatra.

- **niveifacies** Macq. Dipt. exot. supp. 4. 73. 39 (*Laphria*); v. d. Wulp, Dipt. Sum. exp. 23. 1. — Sumatra; New Holland (Macquart).

Maira Kollari Dol. Nat. Tijdschr. Ned. Ind. XIV. 396. 3. pl. 1 f. 2 (*Laphria*). — Amboina.

- **Kurbinyi** Dol. l. c. XIV. 396. pl. 1 f. 1 (*Laphria*); Schin. Dipt. Nov. Reise, 173. 41; v. d. Wulp, Tijdschr. v. Entom. XV. 204. 5. — Halmaheira etc.
- **gloriosa** Walk. Proc. Linn. Soc. III. 84. 26 (*Laphria*); Ost. Sack. Ann. Mus. Gen. XVI. 431; Kirby, Proceed. Zool. Soc. Lond. 1883. 346. — Timor-Laut, New Guinea, Obi.

  Syn. *Laphria socia* Walk. Proc. Linn. Soc. III. 84. 27.

  - *Laphria consobrina* Walk. l. c. III. 84. 28; Kirby, Ann. and Mag. of nat. hist. 1884. 459.
  - *Maira spectabilis* Schin. Verh. Zool. bot. Ges. XVII. 381. 25.
  - *Maira Kollari* v. d. Wulp, Tijdschr. v. Entom. XV. 201. 2 (nec Doleschall).

  According to Osten Sacken, who has examined the typical specimens of Doleschall in the Museum at Vienna, *Maira Kollari* v. d. Wulp is another species than *Laphria Kollari* Dol. and synonymous with *Laphria gloriosa* Walk.
- **sodalis** Walk. Proc. Linn Soc. III. 85. 29 (*Laphria*). — Aroe.
- **germana** Walk. l. c. III. 86. 32 (*Laphria*). — Aroe.
- **paradisiaca** Walk. l. c. III. 128. 1 (*Laphria*). — Key island.
- **placens** Walk. l. c. III. 128. 2 (*Laphria*). — Key Island.
- **requisita** Walk. l. c. IV. 105. 44 (*Laphria*). — Celebes, Mysol, Ceram.
- **compta** Walk. l. c. V. 146. 12 (*Laphria*); v. d. Wulp, Tijdschr. v. Entom. XV. 205. 6. — Java etc.
- **consurgens** Walk. Proc. Linn. Soc. V. 278. 27 (*Laphria*). — Batjan.
- **tomentosa** v. d. Wulp, Tijdschr. v. Entom. XV. 202. 3. — Aroe etc.
- **occulta** v. d. Wulp, l. c. XV. 205. 7; Ost. Sack. Ann. Mus. Gen. XVI. 430. — New Guinea.
- **albifacies** v. d. Wulp, Tijdschr. v. Entom. XV. 207. 8. — Celebes.
- **nycthemera** v. d. Wulp, l. c. XV. 208. 9. — Java, Borneo.
- **nigrithorax** v. d. Wulp, l. c. XV. 210. 10; id. Dipt. Sum. exp. 23. 2. — Sumatra.
- **tuberculata** v. d. Wulp, l. c. XV. 211. 11. — Java, Borneo.
- **hispidella** v. d. Wulp, l. c. XV. 213. 13. — Java, etc.
- **Paria** Big. Ann. Soc. Ent. France, 1878. 230. 1. — East India.

M. cambodgiensis Big. Ann. Soc. Ent. France, 1878. 230. 2. — Cambodgia.
- **smaragdina** Big. l. c. 231. 4. — Batjan.
- **pachycera** Big. l. c. 232. 5. — Waigoe.
- **waigiensis** Big. l. c. 232. 6. — Waigoe.
- **elysiaca** Ost Sack. Ann. Mus. Gen. XVI. 430. — New Guinea.

Andrenosoma Rond.

Dipt. Ital. Prodr. I. 160 (1856).

A. crassipes Fabr. Syst. Antl. 152. 16 (*Dioctria*); Wied. Dipt. ex. I. 240. 16 (*Laphria*); id. Auss. Zweifl. I. 521. 38 (*Laphria*). — Sumatra.
- **aequalis** Walk. Dipt. Saund. 105. pl. 4 f. 4 (*Nusa*). — East India.
- **Formio** Walk. l. c. 106 (*Nusa*). — East India.
- **fusifera** Walk. Proc. Linn. Soc. I. 12. 35 (*Laphria*). — Singapore.

Laxenecera Macq.

Dipt. exot. I. 2. 77 (1838).

L. bengalensis Wied. Dipt. exot. I. 237. 10 (*Laphria*); id. Auss. Zweifl. I. 512. 22 (*Laphria*); Schin. Verh. Zool. bot. Ges. XVI. 661. — Bengal.
- **flavibarbis** Macq. Dipt. exot I. 2. 77. 1. — Bengal.
  Syn. ? *Laphria hirticornis* Guér. Icon. du règne anim. III. 536. pl. 94 f. 1.
- **albibarbis** Macq. Dipt. exot. I. 2. 78. 2. pl 7 f. 4. — Bengal.
  Syn. ? *Acurana sexfasciata* Walk. Dipt. Saund. 107.

Michotamia Macq.

Dipt. exot. I. 2. 72 (1838).

M. analis Macq. Dipt. exot. I. 2. 72. 1. pl. 6 f. 6. — Bengal, Java.
- **annulata** Big. Ann. Soc. Ent. de France, 1878. 239. — Burmah.

Atomosia Macq.

Dipt. exot. I. 2. 73 (1838).

A. halictides Walk. Dipt. Saund. 154 (*Cormansis*). — East India.

A. **conspicua** v. d. Wulp, Tijdschr. v. Entom. XV. 214. pl. 11 f. 3—6; Ost. Sack. Ann. Mus. Gen. XVI. 427. — New Guinea, Waigoe.
Syn. *Laphria placens* Walk. Proc. Linn. Soc. VIII. 110. 35. Unless the name *placens* is older, it cannot be employed, because Walker had already published (Proc. Linn. Soc. III. 138. 2) a *Laphria placens*, which belongs in the genus *Maira*.

- **purpurata** Westw. Trans. Ent. Soc. Lond. n. ser. V. 233. pl. 23 f. 5. — East India.

ASILINAE.

Alcimus Löw.

Linn. Entom. III. 391 (1848).

A. **hospes** Wied. Zool. Magaz. III. 32. 46; id. Dipt. exot. I. 207. 44; id. Auss. Zweifl. I. 495. 105 (*Asilus*); Schin. Verh. Zool. bot. Ges. XVI. 689; v. Röder, Entom. Nachr. XIX. 234. 10. — Tranquebar, Ceylon.

Promachus Löw.

Linn. Entom. III. 404 (1848).

Pr. **maculatus** Fabr. Syst. Ent. 794. 17. 21; id. Spec. Ins. II. 464. 21; id. Ent. Syst. IV. 383. 33 (*Asilus*); id. Syst. Antl. 169. 24 (*Dasypogon*); Wied. Zool. Magaz. I. 2. 28; id. Dipt. exot. I. 202. 36; id. Auss. Zweifl. I. 483. 89; Meig. Syst. Beschr. II. 307. 1; Macq. Dipt. exot. I. 2. 99. 17 (*Asilus*); Walk. List Dipt. Brit. Mus. VII. 585. 2 (*Trupanea*); Löw, Linn. Ent. III. 406; v. d. Wulp, Tijdschr. v. Entom. XV. 226. 4; v. Röder, Entom. Nachr. XIX. 234. 7. — Ceylon, Java; also Kaukasus (Wied.).

- **maculosus** Macq. Suit. à Buff. I. 312. 35 (*Asilus*); id. Dipt. exot. I. 2. 100. 21 (*Trupanea*). — Philippines.
- **orientalis** Macq. Dipt. exot. I. 2. 96. 7 (*Trupanea*). — East India.
- **flavibarbis** Macq. l. c. I. 2. 96. 8 (*Trupanea*). — Pondichery.
- **heteropterus** Macq. l. c. I. 2. 96. 9 (*Trupanea*). — Coast of Malabar.
- **varipes** Macq. l. c. I 2. 97. 10; id. supp. I. 79. 41 (*Trupanea*). — Bengal, Manilla.
- **Marcii** Macq. Dipt. exot. I. 2. 97. 11 (*Trupanea*). — East India.

Pr. **Duvaucelii** Macq. Dipt. exot. I. 2. 97. 12 (*Trupanea*). — Bengal.

- **bifasciatus** Macq. l. c. I. 2. 98. 14 (*Trupanea*); v. d. Wulp, Tijdschr. v. Entom. XV. 223. 2; Ost. Sack. Ann. Mus. Gen. XVI. 424. — Java, Celebes.

  Syn. *Trupanea strenua* Walk. Proc. Linn. Soc. IV. 106. 48; id. V. 264. 6.

- **Westermanni** Macq. Dipt. exot. I. 2. 98. 15 (*Trupanea*). — Java.
- **rufo-ungulatus** Macq. l. c. I. 2. 99. 13 (*Trupanea*). — Cochinchina.
- **apicalis** Macq. l. c. I. 2. 100. 19 (*Trupanea*). — Cochinchina.
- **ceylanicus** Macq. l. c. I. 2. 100. 20 (*Trupanea*). — Ceylon.
- **manillensis** Macq. l. c. I. 2. 194; id. supp. 1. 79 (*Trupanea*); Ost. Sack. Berl. Ent. Zeitschr. XXVI. 111. — Manilla.
- **Copillus** Walk. List Dipt. Brit. Mus. II. 389 (*Asilus*). — East India?
- **Amorges** Walk. l. c. II. 391 (*Asilus*). — Borneo.
- **Anicius** Walk. l. c. II. 392 (*Asilus*). — China.
- **Gobares** Walk. l. c. II. 420 (*Asilus*). — Silhet.
- **rufibarbis** Macq. Dipt. exot. supp. 3. 25. 46 (*Trupanea*). — East India.
- **rufipes** Macq. l. c. supp. 4. 80. 49 (*Trupanea*). — Asia.
- **rufimystaceus** Macq. l. c. supp. 4. 80. 50 (*Trupanea*). — Java.
- **externe-testaceus** Macq. l. c. supp. 4. 81. 51 (*Trupanea*). — Java.
- **innotabilis** Walk. List Dipt. Brit. Mus. VII. 604. 70 (*Trupanea*. — Java.
- **maculipes** Walk. l. c. VII. 605. 72 (*Trupanea*). — China.
- **confinis** Walk. l. c. VII. 606. 75 (*Trupanea*). — Java.
- **univentris** Walk. Dipt. Saund. 114 (*Trupanea*). — East India.

telifer Walk. l. c. 115 (*Trupanea*). — East India.

- **sagittifer** Walk. l. c. 116 (*Trupanea*). — East India.
- **contractus** Walk. l. c. 120 (*Trupanea*). — East India.
- **Calanus** Walk. l. c. 122 (*Trupanea*). — East India.
- **leucopyga** Walk. Trans. Ent. Soc. n. ser. IV. 129 (*Trupanea*). — China.
- **apivorus** Walk. l. c. n. ser. IV. 282 (*Trupanea*). — Burmah.
- **inserens** Walk. Proc. Linn. Soc. I. 116. 63 (*Trupanea*). — Borneo.
- **contradicens** Walk. l. c. III. 87. 28 (*Trupanea*). — Aroe.
- **calorificus** Walk. l. c. IV. 107. 49 (*Trupanea*). — Celebes.
- **complens** Walk. l. c. V. 236. 28 (*Trupanea*); Ost. Sack. Ann. Mus. Gen. XVI. 424. — New Guinea.

Promachus concolor Walk. Proc. Linn. Soc. V. 259. 5 (*Trupanea*). — Celebes.

- **plutonicus** Walk. l. c. V. 265. 7 (*Trupanea*). — Tondano.
- **interponens** Walk. l. c. V. 280. 37 (*Trupanea*). — Batjan.
- **addens** Walk. l. c. V. 280. 38 (*Trupanea*). — Batjan.
- **gilolanus** Walk. l. c. VI. 7. 16 (*Trupanea*). — Gilolo.
- **transactus** Walk. l. c. VII. 207. 25 (*Trupanea*). — Misol.
- **nicobarensis** Schin. Dipt. Nov. Reise, 177. 52. — Nicobar islands.
- **forcipatus** Schin. l. c. 178. 55; Ost. Sack. Berl. Ent. Zeitschr. XXVI. 111. — Manilla.
- **melampygus** v. d. Wulp, Tijdschr. v. Entom. XV. 223. 1. — Java.
- **xanthostoma** v. d. Wulp, l. c. XV. 225. 3. — Salawatti.
- **leucopareus** v. d. Wulp, l. c. XV. 227. 5. — Java.
- **albicauda** v. d. Wulp, l. c. XV. 228. 6. — Celebes.
- **inornatus** v. d. Wulp, l. c. XV. 230. 7. — Borneo, etc.
- **felinus** v. d. Wulp, l. c. XV. 230. 8. — Borneo.
- **albopilosus** Rond. Ann. Mus. Gen. VII. 452. — Borneo.
- **vittula** v. d. Wulp, Tijdschr. v. Entom. XXIII. 167. 21; id. Dipt. Sum. exp. 23. 1. — Borneo, Sumatra.
- **leucotrichodes** Big. Bull. Soc. Zool. France, XVII. 210. — India.
- **tristis** Big. l. c. XVII. 211. — India.

Some of the species, brought here to the genus *Promachus*, may belong to *Philodicus*. These two genera were formerly united under the name *Trupanea* Macq. The mostly superficial descriptions do not permit to state, in which of the two genera the species must be ranged.

Philodicus Löw.

Dipt. fn. S. Afr. 139 (1860).

Ph. javanus Wied. Zool. Mag. III. 4. 5; id. Dipt. exot. I. 205. 41; id. Auss Zweifl. I. 494. 103 (*Asilus*); Macq. Dipt. exot. I. 2. 98. 13; Walk. List Dipt. Brit. Mus. VII. 602. 56 (*Trupanea*); Schin. Verh. Zool. bot. Ges. XVI. 689. — Java, Sumatra, etc.

Syn. *Asilus perplexus* Wied. Auss. Zweifl. I. 495. 104.

- *Trupanea rubritarsata* Macq Dipt. exot. I. 2. 99. 16.
- *Asilus melanurus* Dol. Nat. Tijdschr. Ned. Ind. X. 408. 18. pl. 6 f. 2.

Ph. agnitus Wied. Zool. Mag. III. 35. 51; id. Dipt. exot. I. 212. 50; id Auss. Zweifl. I. 496. 109 (*Asilus*); Schin. Verh. Zool. bot. Ges. XVI. 689. — Sumatra.

- **fuscus** Macq. Dipt. exot. I. 2. 104. 29 (*Trupanea*); Schin. Dipt. Nov. Reise, 178. 56. — Bengal, Java.
- **ceylanicus** Schin. Dipt. Nov. Reise, 179. 57. — Ceylon.
- **chinensis** Schin. l. c. 179. 58. — China.
- **longipes** Schin. l. c. 179. 59; Ost. Sack. Berl. Ent. Zeitschr. XXVI. 112. — Manilla.
- **rufiventris** Big. Nouv. Archiv. du Muséum, 1891. 207. — Laos.

Asilus Linn.

Faun. Suec. 469 (1761).

A. hircus Fabr. Syst. Antl. 155. 8; Wied. Auss. Zweifl. I. 585. 22. — Sumatra.

pusio Wied. Zool. Magaz. III. 36. 52; id. Dipt. exot. I. 495. 25; id. Auss. Zweifl. I. 455. 47; Macq. Dipt. exot. I. 2. 143. 30. — Java.

- **laetus** Wied. Anal. ent. 24. 17; id. Auss. Zweifl. I. 435. 16. — East India.
- **nigritarsis** Macq. Suit. à Buff. I. 304. 5. — New Guinea.
- **Duvaucelii** Macq. Dipt. exot. I. 2. 141. 15. pl. 12 f. 1. — Bengal.
- **bengalensis** Macq. l. c. I. 2. 141. 16. pl. 12 f. 2. — Bengal.
- **flavicornis** Macq. l. c. I. 2. 142. 17. — Bengal.
- **trifarius** Macq. l. c. I. 2. 142. 18. — Pondichery.
- **claripes** Macq. l. c. I. 2. 142. 19. — Java.
- **nudipes** Macq. l. c. supp. 2. 42. 56. — East India.
- **Philus** Walk. List Dipt. Brit. Mus. II. 393. — Silhet.
- **Barium** Walk. l. c. II. 426; id. VII. 728. — Ceylon, mount Ophir, Malacca, Borneo, Sumatra.
- **Jamenus** Walk. l. c. II. 428. — Bengal.
- **appendiculatus** Macq. Dipt. exot. supp. 3. 29. 63. — Java.
- **nigrimystaceus** Macq. l. c. supp. 4. 91. 66. — Pondichery.
- **rufibarbis** Macq. l. c. supp. 4. 91. 67. — Java.

  Nomen bis lectum, as there is a European species: *A. rufibarbis* Meig.
- **albibarbis** Macq. l. c. supp. 4. 91. 68. — Java.
- **atratulus** Walk. List Dipt. Brit. Mus. VII. 724. 208. — Java.
- **ephippium** Macq. Dipt. exot. supp. 5. 62. 80. — East India.

Asilus penultimus Walk. Dipt. Saund. 134. — East India.
- **congedus** Walk. l. c. 138. — East India.
- **paterculus** Walk. l. c. 146. — East India.
- **praefiniens** Walk. l. c. 146. — East India.
- **opulentus** Walk. l. c. 150. — East India.
- **mendax** Walk. Trans. Ent. Soc. n. ser. IV. 130. — Celebes.
- **shalumus** Walk. l. c. IV. 131. — China.
- **barbatus** Dol. Nat. Tijdschr. Ned. Ind. XIV. 393. pl. 6 f. 3. — Java.
- **fusiformis** Walk. Proc. Linn. Soc. I. 13. 39. — Malacca.
- **lineosus** Walk. l. c. I. 13. 40. — Singapore.
- **debilis** Walk. l. c. I. 13. 41. — Malacca.
- **latifascia** Walk. l. c. I. 14. 42. — Singapore.
- **flagrans** Walk. l. c. I. 116. 65. — Borneo.
- **contortus** Walk. l. c. I. 117. 66. — Borneo.
- **areolaris** Walk. l. c. IV. 108. 52. — Celebes.
- **tenuicornis** Walk. l. c. IV. 108. 53. — Celebes.
- **laevis** Walk. l. c. V. 236. 29. — New Guinea.
- **areolatus** Walk. l. c. V. 260. 7. — Celebes.
- **completus** Walk. l. c. V. 281. 40. — Batjan.
- **condecorus** Walk. l. c. VI. 7. 18. — Gilolo.
- **depulsus** Walk. l. c. VII. 207. 26. — Mysol.
- **didymoides** Walk. l. c. VII. 208. 27. — Mysol.
- **biligatus** Walk. l. c. VII. 224. 8. — Mysol.
- **albispina** Thoms. Dipt. Eug. Resa, 470. 39. — Manilla.
- **minusculus** Rond. Ann. Mus. Gen. VII. 451. — Borneo.

The above mentioned species of *Asilus* will probably belong to different modern genera: the descriptions, however, are insufficient to form a judgment on this matter.

Erax Macq.

Dipt. exot. I. 2. 107 (1838).

E. ruflventris Macq. Dipt. exot. I. 2. 108. 1. — Bengal.
- **sinensis** Macq. l. c. I. 2. 108. 2. — China.
- **integer** Macq. l. c. supp. 1. 81. 30. — Manilla.
- **Curiatius** Walk. List Dipt. Brit. Mus. II. 432 (*Asilus*). — Nepaul.

Pamponerus Löw.

Linn. Entom. IV. 135 (1849).

P. nigritulus v. d. Wulp, Tijdschr. v. Entom. XV. 235. — Halmaheira etc.

Antipalus Löw.

Linn. Entom. IV. 136 (1849).

A. Wieneckii v. d. Wulp, Tijdschr. v. Entom. XV. 238. — Timor.

Eccoptopus Löw.

Syst. Beschr. II. 120 (1871).

E. impiger v. d. Wulp, Tijdschr. v. Entom. XV. 234. — Celebes.

Philonicus Löw.

Linn. Ent. IV. 144 (1849).

Ph. longulus v. d. Wulp, Tijdschr. v. Entom. XV. 237. — Celebes.

• nigrosetosus v. d. Wulp, Dipt. Sum. exp. 24. 1 — Sumatra.

Rhadiurgus Löw.

Linn. Entom. IV. 133 (1849).

Rh. bifidus Fabr. Syst. Antl. 170. 30 (*Dasypogon*); Wied. Dipt. exot. I. 190. 14; id. Auss. Zweifl. I. 443. 29 (*Asilus*); Schin. Verh. Zool. bot. Ges. XVI. 684. — Tranquebar.

Synolcus Löw.

Dipt. fn. S. Afr. 147 (219). (1860).

S. xanthopus Wied. Zool. Mag. III. 5. 67; id. Dipt. ex. I. 186. 7; id. Auss. Zweifl. I. 436. 18; Walk. List Dipt. Brit. Mus. VII. 726. 218 (*Asilus*); v. d. Wulp, Tijdschr. v. Entom. XV. 240. pl. 11 f. 19; Ost. Sack. Ann. Mus. Gen. XVI. 423. — Java, Sumatra, Celebes.

Syn. ? *Asilus sundaicus* Jaenn. Neue exot. Dipt. 55. 68.

Senoprosopis Macq.

Dipt. exot. I. 2. 130 (1838).

S. Diardii Macq. Dipt. exot. I. 2. 130. 1. pl. 11 f. 1. — Bengal.

Lecania Macq.

Dipt. exot. I. 2. 131 (1838).

L. tabescens Rond. Ann. Mus. Gen. VII. 451. — Borneo.

Mochtherus Löw.

Linn. Ent. IV. 58 (1849).

This generic name being employed by Schmidt-Göbel in Carabidae (1846), Osten Sacken has changed it to *Neomochtherus* (see Cat. Dipt. N. Am. p. 235, note 134).

M. annulatus Fabr. Syst. Ent. 794. 15 (*Asilus*); id. Ent. Syst. IV. 384. 37; id. Syst. Antl. 171. 32 (*Dasypogon*); Wied. Dipt. ex. I. 205. 42; id. Auss. Zweifl. I. 434. 15 (*Asilus*); v. Röder, Ent. Nachr. XIX. 234. 9. (*Synolcus*). — East India, Ceylon.

- **lautus** v. d. Wulp, Tijdschr. v. Entom. XV. 242. 1. — New Guinea.
- **gnavus** v. d. Wulp, l. c. XV. 242. 2. pl. 12 f. 3; id. l. c. XIX. 174. 5; Ost. Sack. Ann. Mus. Gen. XVI. 423. — Java, Celebes, Gilolo.
- **patruelis** v. d. Wulp, Tijdschr. v. Entom. XV. 244. 3. — Java etc.
- **striatus** v. d. Wulp, l. c. XXXIV. 198. — Java.

Tolmerus Löw.

Linn. Ent. IV. 94 (1849).

T. agilis Wied. Auss. Zweifl. I. 456. 48 (*Asilus*); Schin. Verh. Zool. bot. Ges. XVI. 685. — Java.

- **nicobarensis** Schin. Dipt. Nov. Reise, 192. 89. — Nicobar islands.

Itamus Löw.

Linn. Entom. IV. 84 (1849).

This generic name being employed by Schmidt-Göbel in Carabidae (1846), Osten Sacken has changed it to *Neoitamus* (see Cat. Dipt. N. Am. p. 235, note 134).

I. griseus Wied. Dipt. exot. I. 192. 17; id. Auss. Zweifl. I. 442. 27 (*Asilus*); v. d. Wulp, Tijdschr. v. Entom. XV. 246. 1; v. Röder, Entom. Nachr. XIX. 234. 8. — Ceylon, Borneo, New Guinea.

I. **longistylus** Wied. Auss. Zweifl. I. 433. 13; Walk. List Dipt. Brit. Mus. VII. 725. 213 (*Asilus*); v. d. Wulp, Tijdschr. v. Entom. XV. 247. 2; id. Dipt. Sum. exp. 24. 1; Ost. Sack. Ann. Mus. Gen. XVI. 424. — Java, Sumatra, etc.

Syn. *Asilus latro* Dol. Nat. Tijdschr. Ned. Ind. XIV. 394.

- **fraternus** Macq. Dipt. exot. supp. 1 91. 48 (*Asilus*); v. d. Wulp, Dipt. Sum. exp. 25. 2. — Sumatra; also Australia (Macq.).
- **determinatus** Walk. Proc. Linn. Soc. IV. 107. 50 (*Asilus*). — Celebes.
- **introducens** Walk. l. c. IV. 108. 51; id. VII. 232. 13 (*Asilus*). — Celebes, Ceram.
- **involutus** Walk. l. c. V. 281. 39 (*Asilus*); Ost. Sack. Ann. Mus. Gen. XVI. 423. — Ternate, Batjan.
- **normalis** Walk. l. c. VI. 18. 4 (*Asilus*). — Ternate.
- **dipygus** Schin. Dipt. Nov. Reise, 188. 83. — Nicobar islands.
- **dentipes** v. d. Wulp, Tijdschr. v. Entom. XV. 248. 3. — Salawatti.

Osten Sacken suggests that this species may be the ♂ of *I. involutus* Walk. (see Ann. Mus. Gen. XVI. 423).

Allocotasia Schin.

Verh. Zool. bot. Ges. XVI. 845 (1866).

A. **aurata** Fabr. Ent. Syst. IV. 387. 48 (*Asilus*); Wied. Auss. Zweifl. I. 420. 4 (*Ommatius*); Macq. Suit. à Buff. I. 314. 2; id. Dipt. exot. I. 2. 133. 2 (*Ommatius*); v. d. Wulp, Tijdschr. v. Entom. XV. 249. 1. — Bengal.

- **compedita** Wied. Auss. Zweifl. I. 419. 2 (*Ommatius*). — East India?
- **scitula** Walk. Proc. Linn. Soc. IV. 109. 54; id. V. 266. 10 (*Ommatius*); Schin. Verh. Zool. bot. Ges. XVII. 412. 124. — Celebes, Amboina.
- **triangulum** v. d. Wulp, Tijdschr. v. Entom. XV. 251. 2. — Java.
- **vulpina** Big. Ann. Soc. Ent. de France, 5. V. 142. 1. — Celebes.

Emphysomera Schin.

Verh. Zool. bot. Ges. XVI. 665 (1866).

E. **conopsoides** Wied. Auss. Zweifl. I. 422. 7 (*Ommatius*); Macq. Suit. à Buff. I. 314. 4 (*Ommatius*); Rond. Ann. Mus. Gen. VII. 450. — Borneo, Sumatra.

- **spathulata** Dol. Nat. Tijdschr. Ned. Ind. XVII. 89. 26 (*Ommatius*); Schin. Dipt. Nov. Reise, 195. 95. — Nicobar, Amboina, Gilolo.

Syn. *Ommatius platymelas* Walk. Proc. Linn Soc. VI. 8. 21.

Emphysomera nigra Schin. Dipt. Nov. Reise, 195. 96; v. d. Wulp, Tijdschr. v. Entom. XV. 255. 2; id. Dipt. Sum. exp. 26. 2. — Sumatra, Nicobar, Gilolo.

- **peregrina** v. d. Wulp, Tijdschr. v. Entom. XV. 253. 1; id. Dipt. Sum. exp. 26. 1. — Borneo, Sumatra.
- **femorata** Big. Ann. Soc. Ent. de France, 5. V. 245. 3. — Ceylon.
- **aliena** Ost. Sack. Berl. Ent. Zeitschr. XXVI. 111. — Philippines.

Ommatius Wied.

Auss. Zweifl. I. 418 (1828).

O. chinensis Fabr. Ent. Syst. IV. 383. 34 (*Asilus*); id. Syst. Antl. 169. 25 (*Dasypogon*); Wied. Dipt. exot. I. 185. 6; id. Auss. Zweifl. I. 434. 14 (*Asilus*); Walk. List Dipt. Brit. Mus. II. 470. — China.

Brought to the g. *Ommatius* on the authority of Walker.

- **flavescens** Fabr. Syst. Antl. 169. 26 (*Dasypogon*); Wied. Auss. Zweifl. I. 437. 20 (*Asilus*); Schin. Verh. Zool. bot. Ges. XVI. 683. — Java, Sumatra.

According to Schiner this species belongs to the g. *Ommatius*.

- **fulvidus** Wied. Dipt. exot. I. 214. 5; id. Auss. Zweifl I. 420. 3; Macq. Suit. à Buff. I. 313. 1; id. Dipt. exot. supp. 3. 29; Dol. Nat. Tijdschr. Ned. Ind. XIV. 394. pl. 6 f. 5; Schin. Dipt. Nov. Reise, 195. 91; v. d. Wulp, Tijdschr. v. Entom. XV. 259. 1; id. Dipt. Sum. exp. 25. 1. pl. 1 f. 15, 16; Ost. Sack. Ann. Mus. Gen. XVI. 424; id. Berl. Ent. Zeitschr. XXVI. 111. — Malacca, Java, Sumatra etc.

Seems to be a very common species.

Syn. *Asilus Garnotii* Guér. Voy. d. l. Coquille, Zool. II. 292. pl. xx f. 8.

- *Omm. Pennus* Walk. List Dipt. Brit. Mus. II. 469; id. Proc. Linn. Soc. I. 14. 44.
- *Omm. Coryphe* Walk. l. c. II. 469.
- *Omm. Androcles* Walk. l. c. II. 470.
- *Omm. inextricatus* Walk. Proc. Linn. Soc. VI. 21. 7.

- **leucopogon** Wied. Anal. ent. 25. 21; id. Auss. Zweifl. I. 423. 8. — India.
- **rufipes** Macq. Dipt. exot. I. 2. 133. 3. pl. 11 f. 5. — Java.
- **Hecale** Walk. List Dipt. Brit. Mus. II. 476; id. Proc. Linn. Soc. I. 14. 45 and 116. 67. — Singapore, Borneo.

O. dispar Macq. Dipt. exot. supp. 3. 28. 7. — Java.

- **nanus** Walk. Dipt. Saund. 153; id. Proc. Linn. Soc. VII. 208. 29. — East India, Mysol.
- **minor** Dol. Nat. Tijdschr. Ned. Ind. XIV. 394. pl. 6 f. 4; v. d. Wulp, Tijdschr. v. Entom. XV. 266. 17. — Amboina.
- **minimus** Dol. Nat. Tijdschr. Ned. Ind. XIV. 395. pl. 6 f. 2. — Amboina.
- **gracilis** Walk. Proc. Linn. Soc. I. 14. 46. — Mount Ophir.
- **noctifer** Walk. l. c. III. 88. 40; Schin. Verh. Zool. bot. Ges. XVII. 410. 120. — Borneo, Amboina, Gilolo, Batjan, etc.

  Syn. *O. spinibarbis* v. d. Wulp, Tijdschr. v. Entom. XV. 265. 6; Ost. Sack. Ann. Mus. Gen. XVI. 425.

  Formerly (Tijdschr. v. Entom. XV. 266) I considered *O. noctifer* Walk. as synonymous to *O. minor* Dol., but Osten Sacken, who has compared Walker's typical specimens in the British Museum, stated that both are different species and that *O. spinibarbis* v. d. W. is identical with *O. noctifer* Walk.
- **Lucifer** Walk. Proc. Linn. Soc. III. 88. 41; id. VII. 224. 9. — Aroe, Waigoe.
- **retrahens** Walk. l. c. III. 88. 42; id. VI. 18. 5; id. VII. 208. 30 and 233. 15. — Aroe, Gilolo, Ternate, Ceram, Mysol.
- **strictus** Walk. l. c. IV. 109. 55; id. V. 260. 9. — Celebes.
- **discalis** Walk. l. c. V. 265. 9. — Timor.
- **invehens** Walk. l. c. VII. 224. 10. — Waigoe.
- **bacchoides** Walk. l. c. VII. 232. 14. — Ceram.
- **canus** Walk. l. c. VIII. 132. 5. — Salawatti.
- **Frauenfeldi** Schin. Dipt. Nov. Reise, 193. 92. — Nicobar islands.
- **concinnens** v. d. Wulp, Tijdschr. v. Entom. XV. 260. 2. — Timor.
- **dilatipennis** v. d. Wulp, l. c. XV. 261. 3. — Java.
- **excurrens** v. d. Wulp, l. c. XV. 263. 4. — Java.
- **fulvimanus** v. d. Wulp, l. c. XV. 264. 5. — Obi.
- **despectus** v. d. Wulp, l. c. XV. 268. 8; Ost. Sack. Ann. Mus. Gen. XVI. 425. — Java.
- **aruensis** v. d. Wulp, l. c. XV. 269. 9. — Aroe.
- **impeditus** v. d. Wulp, l. c. XV. 270. 10. — Borneo.
- **argyrochirus** v. d. Wulp, l. c. XV. 270. 11. — Java.

Ommatius suffusus v. d. Wulp, Tijdschr. v. Entom. XV. 271. 12. — Sangir.

- insularis v. d. Wulp, l. c. XV. 272. 13. — Java.
- infirmus v. d. Wulp, l. c. XV. 273. 14; Ost. Sack. Ann. Mus. Gen. XVI. 425. — Gilolo, Ternate.
- serenus v. d. Wulp, l. c. XV. 274. 15. — Waigoe.
- pinguis v. d. Wulp, l. c. XV. 275. 16. — Java.
- rubicundus v. d. Wulp, l. c. XV. 276. 17; id. Dipt. Sum. exp. 25. 2. — Java, Sumatra.
- taeniomerus Rond. Ann. Mus. Gen. VII. 449. — Borneo.
- signipipes Rond. l. c. VII. 450. — Borneo.
- pictipennis Big. Ann. Soc. Ent. France, 5. V. 1875. 246. 2. — Poeloe Pinang.
- annulatus Big. l. c. 5. VII. 1877. Bull. XLI. — Mysol.
- cnemideus Big. l. c. — New Guinea.
- Schlegelii v. d. Wulp, Not. Leyd. Mus. VI. 83; id. Tijdschr. v. Entom. XXVII. 140. pl. 7 f. 3—12. — Waigoe.

EMPIDAE.

Hilara Meig.

Syst. Beschr. III. 1 (1822).

H. Bares Walk. List Dipt. Brit. Mus. III. 491. — East India.

Tachydromia Meig.

Illig. Magaz. II. 269 (1803).

T. abdominalis Wied. Auss. Zweifl. II. 12. 2. — China.

Epiceia Walk.

Proc. Linn. Soc. V. 149 (1861).

E. ferruginea Walk. Proc. Linn. Soc. V. 149. 25; id. VII. 209. 35 and 233. 21. — Amboina, Mysol, Ceram.

Pterospilus Rond.

Dipt. Ital. Prodr. I. 152 (1856).

Pt. eustylatus Big Ann. Soc. Ent. France, 1889. 126. — Mysoe (Mysol?), Indian archipelago, New Guinea.

- bicolor Big. l. c. 1889 126. — Hindostan.

Hybos Meig.

Illig. Magaz. II. 269 (1803).

H. bicolor Walk. Proc. Linn. Soc. III. 91. 53; Ost. Sack. Ann. Mus. Gen. XVI. 434. — Aroe.

- **deficiens** Walk. Proc. Linn. Soc. III. 129. 5; Ost. Sack. Ann. Mus. Gen. XVI. 434. — Key isl.
- **stigma** Walk. Proc. Linn. Soc. VIII. 111. 29. — New Guinea.
- **brachialis** Rond. Ann. Mus. Gen. VII. 446. — Borneo.
- **gagatinus** Big. Ann. Soc. Ent. de France, 1889. 127. — Hindostan (Mergherita).

Harpamerus Big.

Rev. et Magaz. de Zool. 1859. 7. 306.

H. signatus Big. Rev. et Magaz. de Zool. 1859. 7. 306. — Ceylon.

Elaphropeza Macq.

Dipt. du nord d. l. France (1827).

E. exul Ost. Sack. Berl. Ent. Zeitschr. XXVI. 113. — Philippines.

DOLICHOPODAE.

Psilopus Meig.

Syst. Beschr. IV. 35 (1824).

Ps. aeneus Fabr. Syst. Antl. 268. 9 (*Dolichopus*); Wied. Auss. Zweifl. II. 214. 2; Macq. Dipt. exot. II. 2. 116. pl. 19 f. 3; Walk. Proc. Linn. Soc. III. 91. 54; Ost. Sack. Ann. Mus. Gen. XVI. 435; v. d. Wulp, Tijdschr. v. Entom. XXVII. 222. 1. pl. 12 f. 1. — Java, Aroe.

- **nitens** Fabr. Syst. Antl. 270. 17 (*Dolichopus*); Wied. Auss. Zweifl. II. 226. 29. — East India.
- **vittatus** Wied. Zool. Magaz. III. 4. 4; id. Auss. Zweifl. II. 217. 8; Macq. Suit. à Buff. I. 450. 8; id. Dipt. exot. II. 2. 116. 5. pl. 20 f. 6; Dol. Nat. Tijdschr. Ned. Ind. X. 409. 23. pl. 9 f. 4; Ost. Sack. Berl. Ent. Zeitschr. XXVI. 113; v. d. Wulp, Tijdschr. v. Entom. XXVII. 225. 8. pl. 12 f. 4, 5. — Java, Sumatra, Philippines.

Psilopus crinicornis Wied. Anal. ent. 39. 68; id. Auss. Zweifl. II. 222. 20; Macq. Suit. à Buff. I. 451. 10; Ost. Sack. Ann. Mus. Gen. XVI. 436; id. Berl. Ent. Zeitschr. XXVI. 114; v. d. Wulp, Tijdschr. v. Entom. XXVII. 224. 5. — Java, Sumatra, Amboina, Philippines.

Syn. *Ps. longicornis* Dol. Nat. Tijdschr. Ned. Ind. XVII. 94. 34.

- **leucopogon** Wied. Anal. ent. 40. 69; id. Auss. Zweifl. II. 220. 15; Schin. Dipt. Nov. Reise, 215. 17; v. d. Wulp, Tijdschr. v. Entom. XXVII. 225. 7. — East India, Ceylon, Java.
- **globifer** Wied. Auss. Zweifl. II. 221. 16; Macq. Suit. à Buff. I. 451. 11; Schin. Dipt. Nov. Reise, 215. 18. — China; Taiti (Schiner).
- **rectus** Wied. Auss. Zweifl. II. 225. 25. — Sumatra.
- **flavicornis** Wied. l. c. II. 227. 31; Walk. Proc. Linn. Soc. III. 92. 57; v. d. Wulp, Dipt. Sum. exp. 27. 1. — Sumatra, Aroe.
- **apicalis** Wied. Auss. Zweifl. II. 227. 32; Walk. Proc. Linn. Soc. I. 119. 78 and 119. 78. — Sumatra, Borneo.
- **fasciatus** Guér. Voyage d. l. Coquille, Zool. II. 2. 293. pl. 20 f. 5 (*Agonosoma*). — Dorei, New Guinea.
- **pusillus** Macq. Dipt. exot. II. 2. 117. pl. 21 f. 7. — East India.
- **conicornis** Macq. l. c. supp. I. 120. 20. — Pondichery.
- **coelestis** Walk. List Dipt. Brit. Mus. III. 642. — East India.
- **Cupido** Walk. l. c. III. 643. — East India.
- **elegans** Walk. Dipt. Saund. 210. — East India.
- **pusillus** Dol. Nat. Tijdschr. Ned. Ind. X. 409. 24. pl. 10 f. 1. — Java.

Nomen bis lectum: sec *Ps. pusillus* Macq.

- **leiopus** Dol. l. c. X. 410. 25. pl. 8 f. 1. — Java.
- **clarus** Walk. Proc. Linn. Soc. I. 15. 49. — Mount Ophir.
- **robustus** Walk. l. c. I. 16. 50 and 119. 79. — Singapore, Borneo.
- **subnotatus** Walk. l. c. I. 16. 51. — Mount Ophir.
- **posticus** Walk. l. c. I 16. 52. — Malacca.
- **tenebrosus** Walk. l. c. I. 16. 53 and 119. 80. — Singapore, Borneo.
- **allectans** Walk. l. c. I. 119. 81. — Borneo.
- **allicions** Walk. l. c. I. 119. 82. — Borneo.
- **illiciens** Walk. l. c. I. 120. 83. — Borneo.
- **delectans** Walk. l. c. I. 120. 84. — Borneo.
- **prolicions** Walk. l. c. I. 120. 85. — Borneo.

Ps. **prolectans** Walk. Proc. Linn. Soc. I. 120. 86. — Borneo.
- **collucens** Walk. l. c. I. 120. 87. — Borneo.
- **derelictus** Walk. l. c. I. 121. 88. — Borneo.
- **palmetorum** Dol. Nat. Tijdschr. Ned. Ind. XVII. 94. 35. — Amboina.
- **benedictus** Walk. Proc. Linn. Soc. III. 91. 55; id. VII. 209. 36 and 234. 23. — Mysol, Aroe, Ceram.
- **lucigena** Walk. l. c. III. 91. 56; id. VII. 209. 37. — Aroe, Mysol.
- **terminifer** Walk. l. c. III. 92. 58. — Aroe.
- **orcifer** Walk. l. c. III. 92. 59. — Aroe.
- **egens** Walk. l. c. III. 92. 60; id. VII. 234. 24. — Aroe, Ceram.
- **spectabilis** Walk. l. c. IV. 114. 70. — Macassar.
- **filifer** Walk. l. c. IV. 114. 71. — Macassar.
- **aestimatus** Walk. l. c. IV. 114. 72. — Macassar.
- **abruptus** Walk. l. c. IV. 115. 73. — Macassar.
- **persuadens** Walk. l. c. V. 149. 26. — Amboina.
- **perficiens** Walk. l. c. V. 150. 27. — Amboina.
- **superans** Walk. l. c. V. 150. 28; id. VII. 209. 38. — Amboina, Mysol.
- **variipennis** Walk. l. c. V. 238. 36 and 283. 53. — Batjan, New Guinea.
- **marginalis** Walk. l. c. V. 283. 54. — Batjan.
- **subrectus** Walk. l. c. VII. 209. 39. — Mysol.
- **moderatus** Walk. l. c. VII. 209. 40. — Mysol.
- **seticornis** Walk. l. c. VII. 234. 22. — Ceram.
- **extendens** Walk. l. c. VIII. 111. 30. — New Guinea.
- **patellifer** Thoms. Dipt. Eug. Resa, 507. 106. — Guam isl.
- **macropus** Thoms. l. c. 508. 107. — Guam isl.
- **muticus** Thoms. l. c. 509. 109. — Keeling isl.
- **splendidus** v. d. Wulp, Tijdschr. v. Entom. XI. 111. 14. pl. 4 f. 4—7; id. XXVII. 223. 3. — New Guinea.
- **villipes** Rond. Ann. Mus. Gen. VII. 445. — Borneo.
- **patellatus** v. d. Wulp, Dipt. Sum. exp. 27. 2. — Sumatra.
- **quadratus** v. d. Wulp, Tijdschr. v. Entom. XXVII. 222. pl. 12 f. 3. — Morotai, Halmaheira.
- **obscuratus** v. d. Wulp, l. c. XXVII. 226. 9. pl. 12 f. 6, 7. — Padang.
- **pilosulus** v. d. Wulp, l. c. XXVII. 226 10. pl. 12 f. 8—10. — Java.
- **filatus** v. d. Wulp, l. c. XXVII. 227. 11. pl. 12 f. 11, 12. — Java.

Psilopus papuasinus Big. Ann. Soc. Ent. France, 1890. 283 (*Spathiopsilopus*). — New Guinea.

- **aetereus** Big. l. c. 1890. 283. 1. — Ternate.
- **setipes** Big. l. c. 1890. 284. 2. — Indian archipelago.
- **armillatus** Big. l. c. 1890. 285. 6. — Ceylon.
- **appendiculatus** Big. l. c. 1890. 286. 8. — Burmah.
- **fuscopennatus** Big. l. c. 1890. 287. 9. — Borneo.
- **chromatipes** Big. l. c. 1890. 288. 12. — New Guinea.
- **gemma** Big. l. c. 1890. 290. 3 (*Psilopodinus*). — Java.
- **dialithus** Big. l. c. 1890. 291. 7 (*Psilopodinus*). — Celebes.
- **fenestratus** v. d. Wulp, Tijdschr. v. Entom. XXXIV. 200. pl. 12 f. 6, 7. — Java.
- **bifilum** v. d. Wulp, l. c. XXXIV. 201. pl. 12 f. 8, 9. — Java.
- **setosus** v. d. Wulp, l. c. XXXIV. 202. pl. 12 f. 10. — Java.
- **nemocerus** v. d. Wulp, l. c. XXXVIII. 42. pl. 3 f. 1. — Java.
- **subpatellatus** v. d. Wulp, l. c. XXXVIII. 44. pl. 3 f. 5. — Java.
- **albopilosus** v. d. Wulp, l. c. XXXVIII. 46. pl. 3 f. 8. — Java.

Rhaphium Meig.

Illig. Magaz. II. 272 (1803).

Rh. dilatatum Wied. Auss. Zweifl. II. 211. 1; Macq. Suit. à Buff. I. 442. 8. — China.

Argyra Macq.

Suit. à Buff. I. 456 (1834).

A. spinipes Dol. Nat. Tijdschr. Ned. Ind. X. 410. 26. pl. 10 f. 3. — Java.

Diaphorus Meig.

Syst. Beschr. IV. 32 (1824).

D. mandarinus Wied. Auss. Zweifl. II. 212. 1; v. Röder, Entom. Nachr. XIX. 234. 11. — China, Ceylon.

- **aeneus** Dol. Nat. Tijdschr. Ned. Ind. X. 409. 22. pl. 12 f. 1; Ost. Sack. Berl. Ent. Zeitschr. XXVI. 114. — Java, Philippines.
- **delegatus** Walk. Proc. Linn. Soc. I. 122. 92. — Borneo.
- **resumens** Walk. l. c. III. 93. 62; id. IV. 117. 80; id. VII. 210. 42. — Celebes, Aroe, Mysol.
- **maurus** Ost. Sack. Berl. Ent. Zeitschr. XXVI. 114. — Philippines.

Chrysotus Meig.

Syst. Beschr. IV. 40 (1824).

Chr. chinensis Wied. Auss. Zweifl. II. 212. 1. — China.
- **exactus** Walk. Proc. Linn. Soc. IV. 116. 79. — Macassar.
- **rostratus** Big. Ann. Soc. de France, 1890. 295. — Ceylon.

Achalcus Löw.

Neue Beiträge, V. 30 (1857).

A. scutellaris v. d. Wulp, Tijdschr. v. Ent. XXXIV. 202. — Java.

Paraclius Big.

Ann. Soc. Ent. de France, 2. V. 1859. 227 (*Paracleius*); Löw, Monogr. Dipt. N. Am. II. 97.

P. praedicens Walk. Proc. Linn. Soc. IV. 115. 75 (*Dolichopus*); Ost. Sack. Ann. Mus. Gen. XVI. 435. — Macassar.

Dolichopus Latr.

Précis car. gén. Ins. 159 (1796).

D. fuscipennis Wied. Anal. ent. 40. 70; id. Auss. Zweifl. II. 231. 4. — East India.
- **zigzac** Wied. Anal. ent. 40. 72; id. Auss. Zweifl. II. 232. 5. — East India.
- **electus** Walk. Proc. Linn. Soc. I. 121. 89. — Borneo.
- **alligatus** Walk. l. c. I. 121. 90. — Borneo.
- **collectus** Walk. l. c. I. 121. 91. — Borneo.
- **trigonifer** Walk. l. c. III. 92. 61. — Aroc.
- **cinereus** Walk. l. c. IV. 115. 74. — Macassar.
- **provectus** Walk. l. c. IV. 116. 76. — Macassar.
- **praemissus** Walk. l. c. IV. 116. 77. — Macassar.
- **proveniens** Walk. l. c. IV. 116. 78. — Macassar.
- **pulchriceps** Walk. l. c. VII. 210. 41. — Mysol.
- **vicarius** Walk. l. c. VIII. 112. 31. — New Guinea.

Rhagoneurus Löw.

Monogr. Dipt. N. Amer. II. 346 (1864).

Rh. polychromus Löw, l. c. pl. III f. 3. — Ceylon.

Mesorhaga Schin.

Dipt. Nov. Reise, 247 (1868).

M. torquata Big. Ann. Soc. Ent. de France, 1890. 294. — Ceylon.

Peodes Löw.

Neue Dipt. Beitr. V. 29 (1857).

P. nicobarensis Schin. Dipt. Nov. Reise, 221. 32. — Nicobar islands.

LONCHOPTERIDAE.

Cadrema Walk.

Proc. Linn. Soc. IV. 117 (1860).

C. lonchopteroides Walk. Proc. Linn. Soc. IV. 117. 81. — Macassar.

The genus *Cadrema* is ranged by Walker in the group Lonchopterinae. In Proc. Linn. Soc. IX. p. 4, however, he is in doubt, if it belongs really to this group, but does not say where it should be placed.

DIPTERA CYCLORAPHA.

SYRPHIDAE.

Ceria Fabr.

Ent. Syst. IV. 277 (1794).

C. javana Wied. Anal. ent. 32. 44; id. Auss. Zweifl. II. 81. 1; Walk. Proc. Linn. Soc. I. 17. 54 and 122. 93. — Java, Malacca, Borneo.

- **enmenoides** Saund. Trans. Ent. Soc. Lond. III. 60. pl. 5 f. 6. — Northern India.
- **smaragdina** Walk. Proc. Linn. Soc. III. 93. 63. — Aroe.
- **relicta** Walk. l. c. III. 93. 64 and 94. 65. — Aroe.
- **lateralis** Walk. l. c. IV. 118. 83; id. V. 266. 12. — Macassar.
- **annulifera** Walk. l. c. V. 238. 37. — New Guinea.

Sphiximorpha Rond.

Ann. Soc. Ent. de France, 1850.

Sph. anchorata Big. Ann. Soc. Ent. de France, 1883. 318. 3. — Borneo.

Microdon Meig.

Illig. Magaz. II. 275 (1803).

M. stilboides Walk. List Dipt. Brit. Mus. III. 528. — East India.
- **indicus** Dol. Nat. Tijdschr. Ned. Ind. XIV. 404. pl. 8 f. 2 (*Ceratophyia*). — Amboina.
- **fulvicornis** Walk. Proc. Linn. Soc. III. 94. 66. — Aroe.
- **apicalis** Walk. l. c. III. 94. 67. — Aroe.
- **sumatranus** v. d. Wulp, Dipt. Sum. exp. 29. 1. pl. 2 f. 1. — Sumatra.
- **apicalis** v. d. Wulp, l. c. 29. 2. pl. 2 f. 2. — Sumatra.

Nomen bis lectum: see *M. apicalis* Walk.

Chrysotoxum Meig.

Illig. Magaz. II. 274 (1803).

Chr. Baphyrus Walk. List Dipt. Brit. Mus. III. 542. — Bengal.
- **antiquum** Walk. Dipt. Saund. 218. — East India.
- **indicum** Walk. l. c. 218. — East India.

Paragus Latr.

Hist. nat. Crust. et Ins. XIV. 358 (1804).

P. serratus Fabr. Syst. Antl. 186. 11 (*Mulio*); Wied. Auss. Zweifl. II. 88. 1; Schin. Dipt. Nov. Reise, 369. 102. — Singapore.
- **politus** Wied. Auss. Zweifl. II. 89. 4. — China.
- **latiusculus** Walk. Proc. Linn. Soc. V. 266. 14. — Tondano.
- **substitutus** Walk. l. c. V. 285. 59. — Batjan.
- **venosus** Walk. l. c. VIII. 112. 32. — New Guinea.
- **lactiferus** Walk. l. c. VIII. 113. 33. — New Guinea.
- **incisuralis** Walk. l. c. VIII. 113. 34. — New Guinea.
- **crenulatus** Thoms. Dipt. Eug. Resa, 503. 100. — China.

Pipiza Fall.

Syrph. 58 (1816).

P. moerens Dol. Nat. Tijdschr. Ned. Ind. XVII. 99. 43. — Amboina.

Eumerus Meig.

Syst. Beschr. III. 202 (1822).

E. aurifrons Wied. Anal. ent. 32. 46 (*Pipiza*); id Auss. Zweifl. II. 114. 6. — East India.
- **macrocerus** Wied. Auss. Zweifl. II. 113. 4. — China.
- **splendens** Wied. l. c. II. 114. 7. — East India.
- **albifrons** Walk. Dipt. Saund. III. 224. — East India.
- **argyropus** Dol. Nat. Tijdschr. Ned. Ind. XIV. 410. pl. 7 f. 4. — Amboina.
- **bimaculatus** Dol. l. c. XVII. 98. 41. — Amboina.
- **figurans** Walk. Proc. Linn. Soc. IV. 121. 94. — Macassar.
- **argentipes** Walk. l. c. V. 284. 58. — Batjan.
- **nicobarensis** Schin. Dipt. Nov. Reise, 368. — Nicobar islands.

Syritta St. Farg. et Serv.

Encycl. méth. X. 308 (1825).

S. indica Wied. Anal. ent. 33. 49 (*Eumerus*); id. Auss. Zweifl. II. 103. 10 (*Xylota*). — India.
- **orientalis** Macq. Dipt. exot. II. 2. 76. 5. — Pondichery.
- **amboinensis** Dol. Nat. Tijdschr. Ned. Ind. XVII. 97. 40. — Amboina.
- **illucida** Walk. Proc. Linn. Soc. IV. 121. 95. — Macassar.
- **rufifacies** Big. Ann. Soc. Ent. France, 1884. 538. 1. — Pondichery.

Xylota Meig.

Syst. Beschr. III. 211 (1822).

X. Aethusa Walk. List Dipt. Brit. Mus. III. 559. — East India.
- **aequalis** Walk. Dipt. Saund. 226. — East India.
- **conformis** Walk. Proc. Linn. Soc. I. 18. 59 and 122. 99. — Singapore, Borneo.
- **ventralis** Walk. l. c. III. 96. 76. — Aroe.
- **nigro-aenescens** Rond. Ann. Mus. Gen. VII. 422. — Borneo.
- **calopus** Big. Ann. Soc. Ent. de France, 6. IV. 542. 2. — Java.
- **cuprina** Big. l. c. 6. V. 247. — East India.

Milesia Latr.

Hist. nat. Crust. et Ins. XIV. 361 (1804).

M. Reinwardtii Wied. Anal. ent. 33. 50; id. Auss. Zweifl. II. 104. 1; Walk. Proc. Linn. Soc. I. 18. 61 and 123. 101. — Java, Singapore, Borneo.

- **macularis** Wied. Anal. ent. 34. 51; id. Auss. Zweifl. II. 107. 5; Macq. Dipt. exot. II. 2. 82. 5; Walk. Proc. Linn. Soc. I. 18. 60 and 123. 100; v. d. Wulp, Dipt. Sum. exp. 31. 1. — Singapore, Java, Sumatra, Borneo.
- **gigas** Macq. Suit à Buff. I. 533. 4; id. Dipt. exot. II. 2. 80. 3. pl. 15 f. 3; id. supp. 3. 42. — Java.
- **limbipennis** Macq. Dipt. exot. supp. 3 40. 56. — Java.
- **vespoides** Walk. Proc. Linn. Soc. I. 18. 62. — Singapore.
- **Zamiel** Walk. l. c. I. 123. 102. — Borneo.
- **conspicienda** Walk. l. c. IV. 118. 84; Ost. Sack. Ann. Mus. Gen. XVI. 444. — Celebes.
- **apicalis** Voll. Versl. meded. K. ac. wet. XV. 13. 7. — Java.
- **Diardi** Voll. l. c. XV. 14. 8. f. 6. — Borneo.
- **Meyeri** Jaenn. Neue exot. Dipt. 95. 128. pl. 2 f. 11. — Java.
- **Doriae** Rond. Ann. Mus. Gen. VII. 422 (*Sphixea*). — Borneo.
- **fulvipes** Big. Ann. Soc. Ent. France, 5. V. 340. 1 (*Sphixea*). — Java.
- **fuscicosta** Big. l. c. 5. V. 469. 1 (*Sphixea*). — Borneo.
- **flavifacies** Big. l. c. 5. V. 471. 2 (*Sphixea*). — Borneo.
- **Semperi** Ost. Sack. Berl. Ent. Zeitschr. XXVI. 189. — Philippines.
- **Bigoti** Ost. Sack. l. c. XXVI. 190. — Philippines.
- **Ritsemae** Ost. Sack. l. c. XXVI. 191. — Philippines.

Lycastris Walk.

Trans. Ent. Soc. n. ser. IV. 155 (1857).

L. albipes Walk. l. c. — Hindostan.

Citibaena Walk.

Proc. Linn. Soc. I. 124 (1857).

C. aurata Walk. Proc. Linn. Soc. I. 124. 105. pl. 6 f. 3. — Borneo.

Imatisma Macq.

Dipt. exot. II. 2. 67 (1842).

I. orientalis Macq. Dipt. exot. II. 2. 69. 2. — East India.

Azpeytia Walk.

Proc. Linn Soc. VIII. 113 (1865).

A. scutellaris Walk. Proc. Linn. Soc. VIII. 113. 35. — New Guinea.

Merodon Meig.

Illig. Magaz. II. 274 (1803).

M. albifasciatus Macq. Dipt. exot. II. 2. 71. 2. pl. 13 f. 2. — East India.

- **varicolor** Walk. Proc. Linn. Soc. I. 122. 98. — Borneo.
- **interveniens** Walk. l. c. IV. 120. 91. — Macassar.

Helophilus Meig.

Illig. Magaz. II. 274 (1803).

H. bengalensis Wied. Zool. Magaz. III. 16. 22; id. Auss. Zweifl. II. 167. 21 (*Eristalis*); Macq. Dipt. exot. II. 2. 63. 4; Schin. Dipt. Nov. Reise, 359. 65; v. d. Wulp, Dipt. Sum. exp. 30. 1; Ost. Sack. Ann. Mus. Gen. XVI. 444. — Bengal, Java, Sumatra.

- **quadrivittatus** Wied. Zool. Magaz. III. 16. 23; id. Auss. Zweifl. II. 168. 22 (*Eristalis*); Walk. Proc. Linn. Soc. III. 96. 74. — Hindostan, Aroe.
- **vestitus** Wied. Anal. ent. 36. 59; id. Auss. Zweifl. II. 159. 10 (*Eristalis*). — Java.
- **curvigaster** Macq. Dipt. exot. II. 2. 62. 3. pl. 11 f. 1. — Java.
- **notabilis** Macq. l. c. II. 2. 63. 5. pl. 11 f. 5. — Java.
- **insignis** Dol. Nat. Tijdschr. Ned. Ind. XIV. 409. pl. 9 f. 4. — Java.
- **pilipes** Dol. l. c. XIV. 410. pl. 9 f. 5. — Java.
- **insignis** Walk. Proc. Linn. Soc. I. 17. 58 and 122. 97. — Singapore, Borneo.

Is a species different from *H. insignis* Dol.

H. mesoleucus Walk. Proc. Linn. Soc. III. 96. 75. — Aroe.

- **consors** Walk. l. c. IV. 119. 89. — Macassar.
- **conclusus** Walk. l. c. IV. 119. 90. — Macassar.
- **albiceps** v. d. Wulp, Tijdschr. v. Entom. XI. 116. 17. — Celebes etc.
- **celeber** Ost. Sack. Berl. Ent. Zeitschr. XXVI. 116. — Philippines.

Eumerosyrphus Big.

Ann. Soc. Ent. de France, 6. II. Bull. CXXVIII (1882).
Ann. id. 1883. 228.

E. indicus Big. Ann. Soc. Ent. de France, 6. II. Bull. CXXVIII (*indianus*); Ann. id. 1883. 349. — India.

Tigridiamyia Big.

Ann. Soc. Ent. de France, 6. II. Bull. CXXI (*Tigridemyia*) (1882).
Ann. id. 1883. 228 (*Tigridiamyia*).

T. pictipes Big. Ann. Soc. Ent. de France, 6. II. Bull. CXXI; Ann. id. 1883. 348. — Java.

Solenaspis Ost. Sack.

Ann. Mus. Gen. XVI. 442 (1881).

S. Beccarii Ost. Sack. Ann. Mus. Gen. XVI. 443; id. XVIII. 19. — New Guinea.

Syn. *Plagiocera nitens* Big. Ann. Soc. Ent. de France, 1880. 85.

Megaspis Macq.

Dipt. exot. II. 2. 27 (1842).

M. crassus Fabr. Ent. Syst. IV. 281. 12 (*Syrphus*); Wied. Auss. Zweifl. II. 153. 3; Walk. Proc. Linn. Soc. IV. 119. 86 (*Eristalis*); Macq. Dipt. exot. II. 28. 2. pl. 7 f. 3 (*Megaspis*); id. supp. 4. 132 (*Dolichocerus*). — Tranquebar, Hindostan, Celebes.

Syn. *Syrphus megacephalus* Fabr. Ent. Syst. supp. 561. 17.

- **zonalis** Fabr. Ent. Syst. IV. 294. 57 (*Syrphus*); id. Syst. Antl. 242. 43; Wied. Auss. Zweifl. II. 152. 2 (*Eristalis*); Macq. Dipt. exot. supp. 5. 86. 2; Schin. Dipt. Nov. Reise, 364. 86;

v. d. Wulp, Dipt. Sum. exp. 30. 1; Ost. Sack. Ann. Mus. Gen. XVI. 441. — China, Java, Sumatra.

Syn. *Eristalis zonatus* Fabr. Mant. Ins. II. 337. 37.

- *Er. flavofasciatus* Macq. Dipt. exot. supp. 4. 136. 59.

Megaspis errans Fabr. Ent. Syst. IV. 294. 58 (*Syrphus*); id. Syst. Antl. 242. 44; Wied. Auss. Zweifl. II. 155. 4 (*Eristalis*); v. d. Wulp, Tijdschr. v. Entom. XXIII. 170. 25; id. Dipt. Sum. exp. 30. 2; Ost. Sack. Ann. Mus. Gen. XVI. 441; id. Berl. Ent. Zeitschr. XXVI. 116. — Hindostan, Bengal, China, Java, Sumatra, Philippines.

Syn. *Eristalis varipes* Macq. Dipt. exot. II. 2. 46. 24. pl. 10 f. 4.

- *Er. Amphicrates* Walk. List Dipt. Brit. Mus. III. 623; id. Proc. Linn. Soc. I. 17. 55.

- *Er. Macquarti* Dol. Nat. Tijdschr. Ned. Ind. X. 410. 27. pl. 7 f. 1.

- **chrysopygus** Wied. Zool. Magaz. III. 15. 21; id. Auss. Zweifl. II. 152. 1 (*Eristalis*); Macq. Dipt. exot. II. 2. 27. 1. pl. 7 f. 2. — Java.

Syn. *Volucella aurata* Macq. Suit. à Buff. I. 494. 4; Dol. Nat. Tijdschr. Ned. Ind. XIV. 405. pl. 9 f. 3.

- **sculptatus** v. d. Wulp, Tijdschr. v. Entom. XI. 113. 15. pl. 4 f. 8. — Timor.

Axona Walk.

Proc. Linn. Soc. VII. 211 (1864).

A. chalcopygus Wied. Auss. Zweifl. II. 178. 37 (*Eristalis*); Ost. Sack. Ann. Mus. Gen. XVI. 440 (*Eristalis*) — Manilla, Amboina, Mysol.

Syn. *Eristalis maxima* Dol. Nat. Tijdschr. Ned. Ind. XIV. 405. pl. 10 f. 4.

- *Er. volucelloides* Walk. Proc. Linn. Soc. VII. 213. 50.

Pteroptila Löw.

Dipt. Amer. Sept. Cent. VI. 59 (1865).

This genus is identical with *Plagiocera* Macq., the name of which is changed by Löw, because there was already a genus *Plagiocera* Klug among the Hymenoptera.

Pt. dentipes Macq. Dipt. exot. II. 2. 37. 10. pl. 9 f. 4 (*Eristalis*). — Java.

Löw suspected (Dipt. fn. S. Afr. p. 317), that this species might be the same as his *Plagiocera maculipennis*

from Guinea, and which Macquart has noted erroneously Java as its origin. At all events the species belongs to the genus *Pteroptila*.

Eristalis Latr.

Hist. nat. Crust. et Ins. XIV. 363 (1804).

E. **quinquelineatus** Fabr. Spec. Ins. II. 425. 21 (*Syrphus*); Wied. Auss. Zweifl. II. 185. 47; Löw, Dipt. fn. S. Afr. 396; Schin. Dipt. Nov. Reise, 364. 84. — Ceylon; also S. Europe and S. Africa.
Syn. *Er. fasciatus* Meig. Syst. Beschr. VII. 143. 22.

- **arvorum** Fabr. Ent. Syst. IV. 286. 28 (*Syrphus*); Wied. Auss. Zweifl. II. 184. 46; Macq. Dipt. exot. II. 2. 47. 26; Walk. Proc. Linn. Soc. I. 122. 95; Ost. Sack. Ann. Mus. Gen. XVI. 440; v. d. Wulp, Dipt. Sum. exp. 31. 1. — Bengal, China, Java, Sumatra, Borneo, Celebes.
- **quadrilineatus** Fabr. Ent. Syst. IV. 289. 40 (*Syrphus*); Wied. Auss. Zweifl. II. 185. 48. — Bengal, etc.
- **quinquestriatus** Fabr. Ent. Syst. IV. 289. 41 (*Syrphus*); Wied. Auss. Zweifl. II. 187. 50; Ost. Sack. Ann. Mus. Gen. XVI. 440. — East India, Java.
- **vinetorum** Fabr. Ent. Syst. supp. 562. 27 (*Syrphus*); Wied. Auss. Zweifl. II. 163. 15; Macq. Dipt. exot. II. 2. 41. 16. — ? Bengal.
E. vinetorum Fabr. is an American species; it is here mentioned, because Macquart asserted, that the Museum of Paris contains a specimen from Bengal.
- **cerealis** Fabr. Syst. Antl. 232. 2; Wied. Auss. Zweifl. II. 156. 6. — China.
- **sinensis** Wied. Anal. ent. 37. 60; id. Auss. Zweifl. II. 179. 39. — China.
- **cognatus** Wied. Anal. ent. 37. 61; id. Auss. Zweifl. II. 180. 40. — Tranquebar.
- **orientalis** Wied. Anal. ent. 38. 63; id. Auss. Zweifl. II. 181. 42. — Java.
- **niger** Wied. Anal. ent. 38. 64; id. Auss. Zweifl. II. 183. 45; Macq. Dipt. exot. II. 2. 48. 27; Walk. Proc. Linn. Soc. I. 122. 94; Ost. Sack. Ann. Mus. Gen. XVI. 441. — Bengal, Java, Borneo, New Guinea.
Syn. *E. obscuratus* Walk. Proc. Linn. Soc. V. 239. 40.
- **obliquus** Wied. Anal. ent. 38. 65; id. Auss. Zweifl. II. 187. 49. — Bengal.

Eristalis Proserpina Wied. Auss. Zweifl. II. 157. 7. — China.

- **vilis** Wied. l. c. II. 164. 16. — Java.
- **laetus** Wied. l. c. II. 192. 58. — China.
- **lugens** Wied. l. c. II. 193. 60. — China.
- **splendens** Le Guillou, Rev. Zool. VII (1842) 314. 316; Macq. Dipt. exot. II. 2. 49. 28; Walk. Proc. Linn. Soc. III. 95. 69; id. V. 151. 32, 239. 38 and 284. 56; id. VI. 22. 9; id. VII. 225. 15 and 234. 25; Ost. Sack. Ann. Mus. Gen. XVI. 440. — Salomon isl., Amboina, Batjan, Ceram, Waigoe, Dorey, Aroe.
  Syn. *E. metallicus* Dol. Nat. Tijdschr. Ned. Ind. XIV. 406. pl. 10 f. 6.
  - *E. cupreofasciatus* v. d. Wulp, Tijdschr. v. Entom. XI. 114. 16.
- **javanus** Macq. Dipt. exot. II. 2. 32. 2. pl. 8 f. 3. — Java.
- **latus** Macq. l. c. II. 2. 35. 8; id. supp. 1. 126. — East India.
- **argyrocephalus** Macq. l. c. II. 2. 45. 23. pl. 10 f. 5. — East India.
- **pallineuris** Macq. l. c. II. 2. 46. 25. — Bengal.
- **quadristriatus** Macq. l. c. supp. 1. 127. 46. — East India.
- **solitus** Walk. List Dipt. Brit. Mus. III. 619. — Nepaul.
- **Aesepus** Walk. l. c. III. 625; id. Proc. Linn. Soc. IV. 119. 87. — China, Celebes.
- **Agno** Walk. List Dipt. Brit. Mus. III. 625; id. Proc. Linn. Soc. V. 151. 31. — Amboina; also Australia.
- **Antidotus** Walk. List Dipt. Brit. Mus. III. 626. — China.
- **Andraemon** Walk. l. c. III. 627; id. Proc. Linn. Soc. I. 122. 96. — Silhet, Borneo.
- **Plistoanax** Walk. List Dipt. Brit. Mus. III. 628. — Philippines.
- **Babytace** Walk. l. c. III. 629. — Philippines.
- **Agyrus** Walk. l. c. III. 629. — Philippines.
- **Aesymnus** Walk. l. c. III. 630. — East India.
- **tomentosus** Macq. Dipt. exot. supp. 3. 39. 55. — Java.
- **violaceus** Macq. l. c. supp. 3. 40. 56. — Java.
- **fulgens** Macq. l. c. supp. 4. 135. 58. — Java.
- **exterus** Walk. Dipt. Saund. 248. — East India.
- **multifarius** Walk. l. c. 248; Ost. Sack. Ann. Mus. Gen. XVI. 442. — East India.
- **semicirculus** Walk. l. c. 249. — East India.
- **transpositus** Walk. Trans. Ent. Soc. n. ser. V. 289. — Burmah.

E. singularis Walk. Proc. Linn. Soc. I. 17. 57. — Singapore.
- **inscriptus** Dol. Nat. Tijdschr. Ned. Ind. XIV. 407. pl. 10 f. 5; Walk. Proc. Linn. Soc. V. 151. 33; id. VII. 210. 45. — Amboina, Mysol.
- **refulgens** Dol. Nat. Tijdschr. Ned. Ind. XVII. 96. 38. — Amboina.
- **resolutus** Walk. Proc. Linn. Soc. III. 95. 70 and 129. 6; Ost. Sack. Ann. Mus. Gen. XVI. 441. — Aroe.
- **conductus** Walk. l. c. III. 95. 71. — Aroe.
- **suavissimus** Walk. l. c. III. 95. 72; Ost. Sack. Ann. Mus. Gen. XVI. 440. — Aroe.
- **muscoides** Walk. Proc. Linn. Soc. III. 96. 73; Ost. Sack. Ann. Mus. Gen. XVI. 442. — Aroe.
- **bomboides** Walk. Proc. Linn. Soc. IV. 119. 88; id. V. 239. 39; id. VII. 210. 43. — Macassar, Mysol, New Guinea.
- **obliterans** Walk. l. c. V. 152. 34. — Amboina.
- **helophiloides** Walk. l. c. V. 284. 55. — Batjan.
- **lucilioides** Walk. l. c. V. 284 57; id. VII. 210. 44. — Batjan, Mysol.
- **inficitus** Walk. l. c. V. 303. 3. — Tidon (Tidore?).
- **aequipars** Walk. l. c. VII. 210. 46. — Mysol.
- **postscriptus** Walk. l. c. VII. 210. 47. — Mysol.
- **erythropyga** Walk. l. c. VII. 211. 48. — Mysol.
- **placens** Walk. l. c. VII. 211. 49. — Mysol.
- **merodontoides** Walk. l. c. VII. 234. 26. — Ceram.
- **ursinus** Jaenn. Neue exot. Dipt. 93. 125. — Java.
- **curvipes** Schin. Dipt. Nov. Reise, 363. 81. — Ceylon.
- **ventralis** Thoms. Dipt. Eugen. Resa, 489. 76. — China.
- **orientalis** Rond. Ann. Mus. Gen. VII. 421. — Borneo.

  Nomen bis lectum: see *E. orientalis* Wied. p. 113.
- **barbatus** Big Ann. Soc. Ent. France, 5. X. 214. 1. — Hindostan.
- **ursinus** Big. l. c. 5. X. 215. 2. — Hindostan.

  Nomen bis lectum: see *E. ursinus* Jaenn.
- **albibasis** Big. l. c. 5. X. 215. 3. — Hindostan.
- **nitidus** v. d. Wulp, Compt. rend. Soc. Ent. Belg. 1884. 291. 8. — Java.

Eristalomyia Rond.

Dipt. Ital. Prodr. II. 40 (1857).

E. Paria Big. Ann. Soc. Ent. France, 5. X. 218. 1. — Hindostan.
- **picta** Big. l. c. 5. ser. X. 219. 2. — Hindostan.

Eristalomyia Fo Big. Ann. Soc. Ent. France, 5. X. 220. 3. — Amoy.

- **zebrina** Big. l. c. 5. X. 222. 7. — Ternate.
- **tricolor** Big. l. c. 5. X. 223. 8. — Tidore.
- **cunotata** Big. Nouv. archiv. du Mus. 1891. 208 — Laos.

Priomerus Macq.

Suit. à Buff. I. 511 (1834).

The generic name *Priomerus* used by Walker, in Hymenoptera, 1833 (see Scudder, Nomenclator Zool. II, p. 281).

Pr. fasciatus Macq. Suit. à Buff. I. 512. 1. — East India.

Volucella Geoff.

Ins. II (1764).

V. trifasciata Wied. Auss. Zweifl. II. 196. 3; Rond. 'Ann. Mus. Gen. VII. 421; Walk. Proc. Linn. Soc. I. 123. 103; Ost. Sack. Ann. Mus. Gen. XVI. 439. — Java, Borneo.

- **opalina** Wied. Auss. Zweifl. II. 203. 14. — Bengal.
- **Peleterii** Macq. Suit. à Buff. I. 495. 6. pl. 4 f. 4; id. Dipt. exot. II. 2. 26. 12. — Java.
- **decorata** Walk. Proc. Linn. Soc. IV. 120. 91. — Macassar.
- **nubeculosa** Big. Ann. Soc. Ent. de France, 5. V. 474. 3. — China?

Temnocera St. Farg. et Serv.

Encycl. méthod. X. 786 (1825).

T. violacea St. Farg. et Serv. Encycl. X. 787. — China.
Syn. *Volucella mutata* Wied. Auss. Zweifl. II. 198. 6.

Endoiasimyia Big.

Ann. Soc. Ent. de France, 6. II. Bull. CXXXVI (1882).

E. indiana Big. l. c.; id. Ann. Soc. Ent. de France, 6. IV. 549. — India.

Graptomyza Wied.

Auss. Zweifl. II. 206 (1830).

Gr. longirostris Wied. Nov. Dipt. gen. 16. f. 6; id. Auss. Zweifl. II. 208. 2. — Java.

- **ventralis** Wied. Auss. Zweifl. II. 207. 1; Macq. Suit. à Buff. I. 530. 1; Ost. Sack. Ann. Mus. Gen. XVI. 439. — Java.
- **interrupta** Wied. Auss. Zweifl. II. 209. 3. — Java.

Gr. brevirostris Wied. Auss. Zweifl. II. 209. 4; Schin. Dipt. Nov. Reise, 354. 48. — Java.

- **melliponaeformis** Dol. Nat. Tijdschr. Ned. Ind. XVII. 95. 37. — Amboina.
- **inclusa** Walk. Proc. Linn. Soc. I. 123. 104. pl. 6 f. 4 (*Baryterocera*). — Borneo.
- **tibialis** Walk. l. c. III. 95. 68 and IV. 118. 85; Ost. Sack. Berl. Ent. Zeitschr. XXVI. 120. — Celebes, Aroe.
- **gibbula** Walk. Proc. Linn. Soc. IV. 120. 93 (*Baryterocera*); Ost. Sack. Ann. Mus. Gen. XVI. 439. — Celebes.
- **lineata** Ost. Sack. Ann. Mus. Gen. XVI. 439 and XVIII. 18. — Ternate.
- **literata** Ost. Sack. Berl. Ent. Zeitschr. XXVI. 119. — Philippines.
- **microdon** Ost. Sack. l. c. XXVI. 119. — Philippines.
- **atripes** Big. Ann. Soc. Ent. de France, 1883. 221. 2. — Moluccos.

Orthoneura Macq.

Dipt. du nord de la France (1829).

O. basalis Walk. Proc. Linn. Soc. III. 97. 77. — Aroe.

Chilosia Meig.

Syst. Beschr. III. 296 (1822). (*Cheilosia*).

Ch. pilipes Big. Ann. Soc. Ent. France, 6. IV. 551. 4 (*Carterosyrphus*). — India.

The genus *Carterosyrphus* Big. contains the species of *Chilosia*, which have the arista and the eyes bare. *Chilosia* is also represented on Java (see Ost. Sack. Ann. Mus. Gen. XVI. p. 436).

Xiphopheromyia Big.

Wien. Ent. Zeitung, XI. 161 (1892).

X. glossata Big. l. c. 161. — India.

Melanostoma Schin.

Wien. Ent. Monatschr. IV. 213 (1860).

M. univittata Wied. Anal. ent. 36. 57; id. Auss. Zweifl. II. 139. 41 (*Syrphus*); v. d. Wulp, Dipt. Sum. exp. 33. 1. — East India, Sumatra.

Melanostoma orientalis Wied. Anal. ent. 36. 58; id. Auss. Zweifl. II. 139. 40 (*Syrphus*); Ost. Sack. Ann. Mus. Gen. XVI. 437 — East India. Perhaps synonymous to *M. scalaris* Meig. (see Ost. Sack. l. c.).

- **cingulata** Big. Ann. Soc. Ent. de France, 1884. 85. 16. — Mysol.

Didea Macq.

Suit. à Buff. I. 508 (1834).

D. diaphana Dol. Nat. Tijdschr. Ned. Ind. XIV. 409. — Amboina.

Syrphus Fabr.

Syst. Entom. (1775).

S. balteatus de Geer, Ins. VI. 116. 7 (*Musca*); Meig. Syst. Beschr. III. 312. 57; Macq. Suit. à Buff. I. 538. 11; Zett. Dipt. Scand. II. 721. 24 (*Scaeva*); Schin. Faun. austr. I. 309; v. d. Wulp, Dipt. Sum. exp. 33. 5. — China, Coromandel, Hindostan, Sumatra, Borneo, Java; also Europe and Australia.

Syn. *Scaeva nectarea* Fabr. Syst. Antl. 253. 22.

- *Syrphus nectarinus* Wied. Auss. Zweifl. II. 128. 21; Ost. Sack. Ann. Mus. Gen. XVI. 438.
- *Syrphus alternans* Macq. Dipt. exot. II. 2. 89. 7; Walk. Proc. Linn. Soc. I. 124. 107.

- **aegrotus** Fabr. Syst. Antl. 243. 48; Wied. Auss. Zweifl. II. 118. 3; Macq. Dipt. exot. II. 2. 88. 4; Walk. Proc. Linn. Soc. I. 124. 106; id. III. 97. 78; id. V. 286. 62; id. VII. 212. 51, 225. 16 and 234. 27; Ost. Sack. Ann. Mus. Gen. XVI. 437; id. Berl. Ent. Zeitschr. XXVI. 116; v. d. Wulp, Dipt. Sum. exp. 32. 1. — Java, Sumatra, Philippines etc.

Syn. *Syrphus fascipennis* Macq. Suit. à Buff. I. 537. 9.

- *Didea Ellenriederi* Dol. Nat. Tijdschr. Ned. Ind. XIV. 407. pl. 10 f. 2.
- *Syrphus infirmus* Rond. Ann. Mus. Gen. VII. 423.

- **Corollae** Fabr. Syst. Antl. 250. 8 (*Scaeva*); Meig. Syst. Beschr. III. 304. 46; Wied. Auss. Zweifl. II. 121. 7; Macq. Suit. à Buff. I. 539. 18; Zett. Ins. lapp. 602. 16 (*Scaeva*); id. Dipt. Scand. II. 720. 23 (*Scaeva*); Schiner, Faun. austr. I. 206. — China; also Europe.

S. scutellaris Fabr. Syst. Ant. 252. 15 (*Scaeva*); Wied. Auss. Zweifl. II. 130. 25. — Tranquebar.

- **javanus** Wied. Anal. ent. 34. 53; id. Auss. Zweifl. II. 131. 26; v. d. Wulp, Dipt. Sum. exp. 33. 6; v. Röder, Entom. Nachr. XIX. 234. 13. — Ceylon, Java, Sumatra.
- **viridaureus** Wied. Anal. ent. 35. 56; id. Auss. Zweifl. II. 137. 37. — Java.
- **confrater** Wied. Auss. Zweifl. II. 120. 5; v. d. Wulp, Dipt. Sum. exp. 32. 3; Ost. Sack. Ann. Mus. Gen. XVI. 438. — China, Sumatra, Ternate, Ceram, Waigoe.
- **lunatus** Wied. Auss. Zweifl. II. 121. 8. — China.
- **Salviae** Wied. l. c. II. 122. 9; Macq. Dipt. exot. II. 2. 88. 5. pl. 15 f. 7; v. d. Wulp, Dipt. Sum. exp. 32. 2; Ost. Sack. Ann. Mus. Gen. XVI. 438; v. Röder, Entom. Nachr. XIX. 234. 12. — Ceylon, Java, Sumatra, Celebes, Ternate, New Guinea.

  Syn. *Syrphus Ericetorum* Fabr. Spec. Ins. II. 425. 18; id. Ent. Syst. IV. 287. 34; Walk. Proc. Linn. Soc. III. 97. 79; id. V. 286. 63; id. VI. 19. 7; id. VII. 212. 52.

  - *Didea Macquarti* Dol. Nat. Tijdschr. Ned. Ind. XIV. 408. pl. 10 f. 1.
  - *Syrphus incisuralis* Macq. Dipt. exot. supp. 5. 94. 56.

  Compare what is said about *S. Salviae* by Löw (Dipt. Fn. S. Afrika's, p. 311) and Osten Sacken (Ann. Mus. Gen. XVIII p. 18).
- **serarius** Wied. Auss. Zweifl. II. 128. 20; Schin. Dipt. Nov. Reise, 352. 37. — China, Ceylon.
- **neglectus** Wied. Auss. Zweifl. II. 134. 31; Rond. Ann. Mus. Gen. VII. 423. — Borneo.
- **coromandelensis** Macq. Dipt. exot. II. 2. 89. 6. — Coast of Coromandel.
- **nasutus** Macq. l. c. II. 2. 96. 15. — China, etc.
- **assimilis** Macq. l. c. supp. 1. 135. 29. — East India
- **planifacies** Macq. l. c. supp. 3. 43. 40. — Java.
- **rufofasciatus** Macq. l. c. supp. 4. 149. 41. — Java.
- **consimilis** Macq. l. c. supp. 4. 150. 42. — Java.
- **splendens** Dol. Nat. Tijdschr. Ned. Ind. X. 410. 28. pl. 1 f. 3; Ind. Mus. Notes, II. 164. — Java, Ceylon.
- **mundus** Walk. Dipt. Saund. 230. — East India.
- **Cranapes** Walk. l. c. 231. — East India.

Syrphus Orsua Walk. Dipt. Saund. 232. — East India.
- **Opimius** Walk. l. c. 232. — East India.
- **Pedius** Walk. l. c. 234. — East India.
- **Cothonea** Walk. l. c. 235. — East India.
- **consequens** Walk. Proc. Linn. Soc. I. 18. 63; id. IV. 122. 97. — Singapore, Celebes.
- **duplex** Walk. l. c. I. 18. 64. — Singapore.
- **triligatus** Walk. l. c. I. 19. 65. — Mount Ophir.
- **divertens** Walk. l. c. I. 124. 108. — Borneo.
- **cyathifer** Walk. l. c. I. 125. 109. — Borneo.
- **villosulus** Dol. Nat. Tijdschr. Ned. Ind. XVII. 99. 42. — Amboina.
- **pleuralis** Thoms. Dipt. Eugen. Resa, 497. 88. — China.
- **heterogaster** Thoms. l. c. 498. 89. — China.
- **macropterus** Thoms. l. c. 498. 90. — China.
- **striatus** v. d. Wulp, Dipt. Sum. exp. 32. 4. pl. 2 f. 3; Ost. Sack. Berl. Ent. Zeitschr. XXVI. 115. — Sumatra, Philippines.

  Apparently synonymous to *consequens* Walk. (see Ost. Sack. l. c.).
- **Sivae** Big. Ann. Soc. Ent. France, 1882. Bull. 78 (*Ischyosyrphus*). — India.
- **trilimbatus** Big. Ann. Soc. Ent. France, 1884. 86. 1. — East India.
- **erythropygus** Big. l. c. 1884. 87. 2. — East India.
- **tigerinus** Big. l. c. 1885. 249 (*Ischyosyrphus*). — East India.

Lasiophthicus Rond.

Dipt. Ital. Prodr. I. 51. (1856).

L. annamites Big. Ann. Soc. Ent. de France, 1885. 250. — Cochinchina.

Melithreptus Löw.

Isis 1840. 373. = *Sphaerophoria* St. Farg. et Serv.

M. bengalensis Macq. Dipt. exot. II. 2. 104. 3 (*Sphaerophoria*). — Bengal.
- **indianus** Big. Ann. Soc. Ent de France, 1884. 99. 1. — East India.

Ascia Meig.

Syst. Beschr. III. 185 (1822).

A. brachystoma Wied. Auss. Zweifl. II. 90. 1; Walk. Proc. Linn. Soc. I. 125. 111. — Hindostan, Borneo.

Senogaster Macq.

Suit. à Buff. I. 519 (1834).

S. lutescens Dol. Nat. Tijdschr. Ned. Ind. X. 410. 29. pl. 12 f. 3. — Java.

Sphegina Meig.

Syst. Beschr. III. 193 (1842).

Sph. macropoda Big. Ann. Soc. Ent. de France, 1883. 331. — Burmah.

Bacha Fabr.

Syst. Antl. 199 (1805).

B. vittata Wied. Auss. Zweifl. II. 94. 3; Macq. Dipt. exot. II. 2. 108. 1. — Java; also Africa.

- **sapphirina** Wied. Auss. Zweifl. II. 96. 7. — East India.
- **Amphithoë** Walk. List Dipt. Brit. Mus. III. 549; id. Proc. Linn. Soc. I. 125. 110; Austen, Proc. Zool. Soc. Lond. 1893. 142. pl. 4 f. 2. — Hindostan, Ceylon, Borneo.
- **maculata** Walk. Dipt. Saund. 223. — East India.
- **pedicellata** Dol. Nat. Tijdschr. Ned. Ind. X. 411. 30. pl. 2 f. 2; Ost. Sack. Berl. Ent. Zeitschr. XXVI. 116. — Java, Philippines.
- **vespaeformis** Dol. l. c. XIV. 411. pl. 3 f. 1; Ost. Sack. Ann. Mus. Gen. XVI. 436. — Amboina.
- **moluccana** Dol. l. c. XIV. 412. pl. 3 f. 2; Ost. Sack. Ann. Mus. Gen. XVI. 436. — Amboina, New Guinea.
- **semilimpida** Dol. Nat. Tijdschr. Ned. Ind. XVII. 94. 36. — Amboina.
- **purpuricola** Walk. Proc. Linn. Soc. III. 129. 7; id. VII. 212. 54. — Key isl., Mysol.
- **dispar** Walk. l. c. IV. 121. 96. — Macassar.
- **basalis** Walk. l. c. V. 239. 41. — New Guinea.
- **incisa** Walk. l. c. V. 285. 60. — Batjan.
- **tripartita** Walk. l. c. V. 285. 61 and VII. 212. 53; Schin. Dipt. Nov. Reise, 344. 10. — Nicobar isl., Mysol, New Guinea.
- **gratiosa** Big. Ann. Soc. Ent. France, 1883. 335. 7. — Sarawak (Borneo).
- **nubilipennis** Austen, Proc. Zool. Soc. Lond. 1893. 136. pl. 4 f. 7, 9. pl. 5 f. 14. — Ceylon.

Bacha bicolor Austen, Proc. Zool. Soc. 1893. 137. pl. 4 f. 6. — Mysol.
- **refulgens** Austen, l. c. 138. pl. 4 f. 4. — Boura isl. (Maleyan archipelago).
- **triangulifera** Austen, l. c. 138. pl. 4 f. 5. — Ceylon.
- **pulchrifrons** Austen, l. c. 139. pl. 4 f. 10, 10*a*, 11. — Ceylon.
- **fallax** Austen, l. c. 142. pl. 4 f. 12. — Ceylon.
- **sulica** Austen, l. c. 144. pl. 4 f. 3. — Sarawak, Sula isl. (Maleyan archipelago).

CONOPSIDAE.

Conops Linn.

Faun. Suec. 1907 (1761).

C. erythrocephala Fabr. Ent. Syst. IV. 392. 6; Wied. Auss. Zweifl. II. 235. 2; Macq. Dipt. exot. II. 3. 9. 3. pl. 1 f. 7. — East India.
- **testacea** Macq. Dipt. exot. II. 3. 9. 2. pl. 1 f. 2. — Bengal.
- **gigas** Macq. l. c. II. 3. 10. 4. — Java.
- **Pactyas** Walk. Dipt. Saund. 255. — Java.
- **javanica** Dol. Nat. Tijdschr. Ned. Ind. X. 409. 21. pl. 4 f. 2. — Java.
- **ruffrons** Dol. l. c. XIV. 412. pl. 8 f. 1. — Amboina.
- **bipartita** Dol. l. c. XVII. 100. 44. — Amboina.
- **lugens** Voll. Versl. meded. K. acad. wetensch. XV. 10. 3. f. 5. — Borneo.
- **metaxantha** Walk. Proc. Linn. Soc. VII. 225. 17. — Waigoe.
- **calopus** Big. Ann. Soc. Ent. France, 1887. 33. 4. — Pondichery.
- **tenellus** Big. l. c. 35. 5 — Ceylon.
- **nubeculosus** Big. l. c. 36. 6. — Ceylon.
- **annulosus** Big. l. c. 36. 7. — Moluccos.
- **ornatus** Big. Bull. Soc. Zool. de France, XVII. 211. — India.

Myopa Fabr.

Syst. Entom. 721 (1775).

M. cincta Fabr. Ent. Syst. IV. 399. 7; id. Syst. Antl. 181. 10; Wied, Auss. Zweifl. II. 246. 6. — East India.

PIPUNCULIDAE.

Pipunculus Latr.

Hist. nat. Crust. et Ins. XIV (1804).

P. amboinalis Walk. Proc. Linn. Soc. V. 150. 29. — Amboina.
- **armatus** Thoms. Dipt. Eugen. Resa, 513. 118. — China.
- **abscissus** Thoms. l. c. 514. 119. — China.

PLATYPEZIDAE.

Platypeza Meig.

Illig. Magaz. II. 272 (1803).

Pl. glaucescens Walk. Proc. Linn. Soc. IV. 117. 82. — Macassar.

OESTRIDAE.

Gastrophilus Leach.

Mem. Wern. Soc. (1817).

G. Equi Fabr. Syst. Antl. 228. 4 (*Oestrus*); Clark, Trans. Linn. Soc. III. 226. pl. 23 f. 7—9; Essay on Bots, pl. 1 f. 1—16 (*Oestrus*); Meig. Syst. Beschr. IV. 175. 1; Macq. Suit. à Buff. II. 52. 1; Zett. Ins. lapp. 623. 1; id. Dipt. Scand. III. 976. 1 (*Gastrus*); Schin. Faun. austr. I. 391. — Europe; Bengal(Macquart).

Syn. *Oestrus Bovis* Linn. Faun. Suec. 1730.
- - *intestinalis* de Geer, Ins. VI. 291. 1. pl. 15 f. 13—19.
- - *bengalensis* Macq. Dipt. exot. II. 3. 25.

Therobia Brauer.

Verh. Zool. bot. Ges. XII. 1231 (1862).

Th. abdominalis Wied. Auss. Zweifl. II. 200 (*Trypoderma*); Brauer, Verh. Zool. bot. Ges. XII. 1232; id. Monogr. Oestr. 174. — Bengal.

MUSCIDAE.

PHASINAE.

Phasia Latr.

Hist. nat. Crust. et Ins. XIV. 379 (1804).

Ph. indica Walk. Dipt. Saund. 259. — East India.

GYMNOSOMINAE.

Gymnosoma Meig.

Illig. Magaz. II. 278 (1803).

G. indica Walk. Dipt. Saund. 257. — East India.

OCYPTERINAE.

Ocyptera Latr.

Hist. nat. Crust. et Ins. XIV. 378 (1804)

O. fuscipennis Wied. Zool. Magaz. III. 26. 40; id. Auss. Zweifl. II. 265. 3; v. d. Wulp, Tijdschr. v. Entom. XXX. pl. 11 f. 10. — Java.

- **umbripennis** v. d. Wulp, Dipt. Sum. exp. 35. 1; id. Tijdschr. v. Entom. XXX. 175. pl. 11 f. 11. — Java, Sumatra.

Plesiocyptera Br. B.

Denkschr. K. Akad. Wiss. Wien. LX. 144 (1893).

P. bicolor Wied. Zool. Magaz. III. 37. 54; id. Auss. Zweifl. II. 265. 3 (*Ocyptera*). — Java.

Pseudocyptera Br. B.

Denkschr. K. Akad. Wiss. Wien. LX. 100. 143 (1893).

Ps. obscura Br. B. l. c. LX. 143. — East India.

Paralophosia Br. B.

Denkschr. K. Akad. Wiss. Wien. LVI. 164 (1889).

P. imbuta Wied. Zool. Magaz. III. 36. 53 (*Ocyptera*); id. Auss. Zweifl. II. 302. 39 (*Tachina*). — East India.

The species occurs also on Java: I saw specimens from that locality in the collection of Mr. Neervoort van de Poll.

Duvaucelia Rob. D.

Myod. 227 (1830).

The generic name *Duvaucelia* used by Risso, Moll. 1826 (see Scudder, Nomenclator Zool. II. 105).

D. bicincta Rob. D. Myod. 228. 1; Macq. Suit. à Buff. II. 132. 1 (*Curtocera*); id. Dipt. exot. II. 3. 74. — Bengal.

Saralba Walk.

Proc. Linn. Soc. VIII. 114 (1865).

S. ocypteroides Walk. Proc. Linn. Soc. VIII. 114. 36. — New Guinea.

Zambesa Walk.

Proc. Linn. Soc. I. 21 (1857).

Z. ocypteroides Walk. Proc. Linn. Soc. I. 21. 71. pl. 1 f. 2. — Singapore.

- **Walkeri** Dol. Nat. Tijdschr. Ned. Ind. XVII. 105. 51. — Amboina.

PHANINAE.

Phania Meig.

Syst. Beschr. IV. 218.

Ph. indica Walk. Dipt. Saund. 261. pl. VII f. 4. — East India.

TACHININAE.

Jurinia Rob. D.

Myod. 34 (1830).

J. indica Rob. D. Myod. 36. 6. — East India.

Echinomyia Dumér.

Expos. d'une méth. nat. etc. (1798).

E **varia** Fabr. Ent. Syst. IV. 327. 62; id. Syst. Antl. 301. 86 (*Musca*); Wied. Auss. Zweifl. II. 289. 14 (*Tachina*). — East India.

- **lithanthrax** Wied. Auss. Zweifl. II. 283. 5 (*Tachina*). — Java.
- **tepens** Walk. List Dipt. Brit. Mus. IV. 723. — Silhet.
- **sacontala** Walk. l. c. IV. 728. — Nepaul.
- **rufo-analis** Macq. Dipt. exot. supp. 4. 169. 195. — East India.
- **platymesa** Walk. Trans. Ent. Soc. 2. ser. IV. 7. — China.
- **brevipennis** Walk Proc. Linn. Soc. I. 19. 66. — Mount Ophir.
- **monticola** Dol. Nat. Tijdschr. Ned. Ind. XVII. 101. 45. — Amboina.
- **flavopilosa** Big. Ann. Soc. Ent. France, 1888. 80. 1. — Java.

Paratachina Br. B.

Denkschr. K. Acad. Wiss. Wien, LVIII. 382 (1891).

This genus, hitherto with a single species (*P. ingens*) from South Africa, is also represented on Java. In the collection of Mr. Neervoort van de Poll I saw a specimen, captured in West Java by H. Fruhstorfer, and which evidently belongs to it, though being different from *P. ingens*.

Cyphocera Macq.

Ann. Soc. Ent. de France, 2. III. 267 (1845).

C. **javana** Wied. Zool. Magaz. III. 24. 35; id. Auss. Zweifl. II. 288. 12 (*Tachina*); v. d. Wulp, Tijdschr. v. Entom. XXIII. 171. 27 (*Echinomyia*). — Java.

Syn. *Peleteria javanica* Rob. D. Myod. 40. 1.

- *Echinomyia javanica* Macq. Suit. à Buff. II. 78. 25.

Micropalpus Macq.

Suit. à Buff. II. 80 (1835).

M. **Titan** Walk. List Dipt. Brit. Mus. IV. 735 (*Linnaemyia*). — Silhet.

Gonia Meig.

Illig. Magaz. II. 280 (1803).

G. **atra** Rob. D. Myod. 78. 9 (*Rhedia*). — Java.
- **timorensis** Rob. D. l. c. 81. 5 (*Reaumuria*). — Timor.
- **javana** Macq. Dipt. exot. supp. 3. 43. 10. — Java.
- **javana** Macq. l. c. supp. 4. 178. 12. — Java.
  Nomen bis lectum.
- **rufitibialis** Macq. l. c. supp. 4. 178. 13. — Pondichery.
- **indica** Walk. Dipt. Saund. 305. — East India.
- **oestroides** Walk. Trans. Ent. Soc. n. ser. IV. 291. — Hindostan.
- **exigua** Dol. Nat. Tijdschr. Ned. Ind. XVII. 106. 54. — Amboina.
- **minuta** v. d. Wulp, Dipt. Sum. exp. 35. 1. pl. 2 f. 4. — Sumatra.

Trixomorpha Br. B.

Denkschr. K. Acad. Wiss. Wien, LVI. 163 (1889);
id. LVIII. 341.

Tr. indica Br. B. Denkschr. K. Acad. Wiss. Wien, LVI. 163. — Bengal.

Eufischeria Br. B.

Denkschr. K. Acad. Wiss. Wien, LVIII. 374 (1891).

E. ceylanica Br. B. l. c. 375. — Ceylon.

Aphria Rob. D.

Myod. 89 (1830).

A. potans Wied. Auss. Zweifl. II. 299. 32 (*Tachina*). — China.

Hamaxia Walk.

Proc. Linn. Soc. V. 153 (1861).

H. incongrua Walk. Proc. Linn. Soc. V. 153. 38. — Amboina.

Crossocosmia Mik.

Wien. Ent. Zeitschr. IX. 313 (1890).

Cr. Sericariae Rond. Bull. Soc. Ent. Ital. II. 137 and 223 (*Ugimyia*); Mik, Wien. Ent. Zeitschr. IX. 309; v. d. Wulp, Tijdschr. v.

Entom. XXXVI. 161. pl. 4 f. 2; id. Indian Mus. Notes, III. 5. 8. — British India, Japan, Java, Sumatra.

Syn. *Tachina cilipes* Macq. Dipt. exot. II. 3. 62. pl. 6 f. 6

- *Masicera cilipes* v. d. Wulp, Dipt. Sum. exp. 36. pl. 11 f. 5.
- *Masicera grandis* Big. Ind. Mus. Not. I. 211 (nec Walker)

Bred from *Antheraea Mylitta* Drury, *Ant. Yamamaiu* Gray, *Bombyx Mori* L. and from an Arctiid caterpillar. I saw also a specimen, bred from *Trabala Vishnu* Lefebvre.

Crossocosmia curvipalpis v. d. Wulp, Tijdschr. v. Entom. XXXVI. 162. 3. pl. 4 f. 3. — Java.

Bred from *Hypaetra remosa* Hbn.

- **discreta** v. d. Wulp, l. c. 164. pl. 4 f. 4. — Java.

Bred from *Godara comalis* Guen.

- **biseriata** v. d. Wulp, Indian Mus. Notes, III 5. 9. pl. 1 f. 1. — Brit. India.

Bred from *Caenodomus Hockingii* Wals.

Brauer and v. Bergenstamm have mentioned (Denkschr. K. Acad. Wiss. Wien, LVIII, p. 402) still another species of this genus: *Cr. indica* Wied. In Wiedemann's works, however, there is no *Tachina indica*; it may thus be a name in litteris, of which no further designation nor description is given.

Tricolyga Rond.

Dipt. Ital. Prodr. I. 68 (1856).

Tr. bombycis Becher, Ind. Mus. Not. I. 77. pl. V f. 1; v. d. Wulp, Ind. Mus. Not. III. 4. — British India.

Bred from *Attacus Ricini* Boisd. and the mulberry silkworm (Becher); also from *Olene mendosa* Hbn. and *Dasychira Thwaitesii* Moore (v. d. Wulp).

Demoticus Macq.

Ann. Soc. Ent. de France, 3. II. 443 (1854).

D. strigipennis v. d. Wulp, Ind. Mus. Notes, III. 5. 11. pl. 1 f. 2. — Brit. India.

Bred from Lasiocampid caterpillars.

Nemoraea Rob. D.

Myod. 71 (1830).

N. amplificans Walk. Proc. Linn. Soc. IV. 122. 98. — Macassar.
- **tenebrosa** Walk. l. c. IV. 123. 99. — Macassar.
- **postulans** Walk. l. c. V. 240. 42. — New Guinea.
- **tropidobothra** Br. B. Denkschr. K. Acad. Wiss. Wien, LVIII. 361; v. d. Wulp, Tijdschr. v. Entom. XXXVI. 160. pl. 4 f. 1. — Java.
  Syn. *N. bicolor* Macq. Dipt. exot. supp. 4. 182. 2. pl. 16 f. 6. (♀).
  N. grandis Walk. Dipt. Saund. 278. pl. 7 f. 1. (♀).

Meigenia Rob. D.

Myod. 198 (1830).

M. ciliata v. d. Wulp, Dipt. Sum. exp. 38. 1. pl. 2 f. 9, 10. — Sumatra.
- **latestriata** v. d. Wulp, l. c. 39. 2. pl. 2 f. 11. — Sumatra.

Exorista Meig.

Illig. Magaz. II. 280 (1803).

E. unguiculata Dol. Nat. Tijdschr. Ned. Ind. XIV. 414. pl. 8 f. 4 (*Lydella*). — Amboina.
- **cuprescens** Walk. Trans. Ent. Soc. n. ser. IV. 196. — India.
- **languida** Walk. l. c. IV. 198. — India.
- **muscoides** Walk. Proc. Linn. Soc. I. 20. 70 (*Eurigaster*). — Singapore.
- **subferrifera** Walk. l. c. I. 125. 112 (*Eurigaster*). — Borneo.
- **strigosa** Dol. Nat. Tijdschr. Ned. Ind. XVII. 102. 47 (*Eurigaster*). — Amboina.
- **tentans** Walk. Proc. Linn. Soc. III. 99. 85 (*Enrigaster*). — Aroe.
- **decipiens** Walk. l. c. 100. 86 (*Eurigaster*). — Aroe.
- **phasioides** Walk. l. c. III. 100. 87 (*Eurigaster*). — Aroe.
- **ridibunda** Walk. l. c. IV. 125. 104; id. VI. 9. 26 (*Eurigaster*). — Macassar, Gilolo.
- **remittens** Walk. l. c. IV. 125. 105; id. VI. 19. 8 (*Eurigaster*). — Macassar, Ternate.
- **apta** Walk. l. c. IV. 126. 106 (*Eurigaster*). — Macassar.
- **conglomerata** Walk. l. c. IV. 126. 107 (*Eurigaster*). — Macassar.

Exorista prominens Walk. Proc. Linn. Soc. IV. 127. 108 (*Eurigaster*). — Macassar.

- **deducens** Walk. l. c. IV. 127. 109 (*Eurigaster*). — Macassar.
- **contracta** Walk. l. c. IV. 128. 110 (*Eurigaster*). — Macassar.
- **progressa** Walk. l. c. IV. 128. 111 (*Eurigaster*). — Macassar.
- **mutans** Walk. l. c. V. 240. 43 (*Eurigaster*). — New Guinea.
- **limitaris** Walk. l. c. V. 286. 64 (*Eurigaster*). — Batjan.
- **interdicta** Walk. l. c. VII. 213. 56 (*Eurigaster*). — Mysol.
- **fingens** Walk. l. c. VIII. 132. 6 (*Eurigaster*). — Salawatti.
- **fasciata** Jaenn. Neue exot. Dipt. 75. 99. — Java.
- **ornata** Big. Ann. Soc. Ent. France, 1888. 256. 13. — India.

The species described by Walker or others as *Eurigaster* are mentioned here in the genus *Exorista*, the difference between these two genera being very uncertain.

Parexorista Br. B.

Denkschr. K. Acad. Wiss. Wien, LVI. 87 (1889).

P. rubeola v. d. Wulp, Tijdschr. v. Entom. XXXVI. 168. pl. 5 f. 1. — Java.

- **corvinoides** v. d. Wulp, l. c. 170. pl. 5 f. 2. — Java.
  Bred from *Liparis corticea* Sn.
- **curvipes** v. d. Wulp, l. c. 172. pl. 5 f. 3. — Java.
- **laeviventris** v. d. Wulp, l. c. 173. pl. 5 f. 4. — Java.
- **gentilis** v. d. Wulp, l. c. 174. pl. 5 f. 5. — Java.
  Bred from *Macroglossa Belia* Cr. and *Beara singularis* L.
- **iridipennis** v. d. Wulp, l. c. 176. pl. 6 f. 1. — Java.
  Bred from *Macroglossa Belia* Cr.
- **modicella** v. d. Wulp, l. c. 178. pl. 6 f. 2. — Java.
  Bred from *Macroglossa Belia*, *Ophideres* (*Fullonica?*) and *Dasychira grossa* (Sn. in litt.).

Chaetexorista Br. B.

Denkschr. K. Acad. Wiss. Wien, LXI. 616](1894).

Ch. javana Br. B. l. c. — Java.

Masicera Macq.

Suit. à Buff. II. 118 (1835).

M. **tenuisetosa** Macq. Dipt. exot. supp. 3. 46 12; v. Röder, Entom. Nachr. XIX. 234. 14. — Java, Ceylon.

- **niveifacies** Macq. l. c. supp. 4. 191. 15. — Asia.
- **niveiceps** Macq. l. c. supp. 4. 191. 16. — Java.
- **albescens** Walk. Trans. Ent. Soc. n. ser. IV. 199. — Hindostan?
- **incivica** Walk. l. c. n. ser. V. 305. — Hindostan.
- **vicaria** Walk. Proc. Linn. Soc. I. 20. 69. — Singapore.
- **sphingum** Dol. Nat. Tijdschr. Ned. Ind. XVII. 103. 48 (*Senometopia*). — Amboina.
- **morio** Dol. l. c. XVII. 104. 49; Walk. Proc. Linn. Soc. V. 154. 39; id. VI. 9. 25. — Gilolo.
- **aurifrons** Dol. Nat. Tijdschr. Ned. Ind. XVII. 104. 50. — Amboina.
- **notabilis** Walk. Proc. Linn. Soc. III. 97. 80. — Aroe.
- **tentata** Walk. l. c. III. 98. 81. — Aroe.
- **solennis** Walk. l. c. III. 98. 82. — Aroe.
- **simplex** Walk. l. c. III. 99. 83. — Aroe.
- **guttata** Walk. l. c. III. 99. 84. — Aroe.
- **dotata** Walk. l. c. IV. 123. 100. — Macassar.
- **horrens** Walk. l. c. IV. 124. 101. — Macassar.
- **immersa** Walk. l. c. IV. 124. 102. — Macassar.
- **prognosticans** Walk. l. c. IV. 124. 103. — Macassar.
- **manifesta** Walk. l. c. V. 154. 40. — Amboina.
- **prominens** Walk. l. c. V. 155. 41; Kirby, Ann. and Mag. of nat. hist. 1884. 459. — Amboina, Aroe.
- **ficta** Walk. Proc. Linn. Soc. V. 286 65. — Batjan.
- **mysolana** Walk. l. c. VII. 213. 55. — Mysol.
- **sarcophagata** Walk. l. c. VII. 235. 28. — Ceram.

rubriventris v. d. Wulp, Dipt. Sum. exp. 37. 2. pl. 2 f. 6. — Sumatra.

- **elongata** v. d. Wulp, l. c. 37. 3. pl. 2 f. 7. — Sumatra.
- **longiseta** v. d. Wulp, l. c. 38. 4. pl. 2 f. 8. — Sumatra.
- **linearifrons** v. d. Wulp, Tijdschr. v. Entom. XXXVI. 166. pl. 4 f. 5. — Java.
- **castanea** v. d. Wulp, Ind. Mus. Notes, III. 5. 12. pl. 1 f. 3. — Brit. India.

Bred from *Leucania extranea* Guen.

Masicera Dasychirae v. d. Wulp, Ind. Mus. Notes, 5. 13. pl. 1 f 4 — Brit. India.

Bred from *Dasychira Thwaitesii* Moore.

- **subnigra** v. d. Wulp, l. c. 5. 14. pl. 1 f. 5. — Brit. India.

Bred from *Olene mendosa* Hbn.

Walker (Proc. Linn. Soc. I. 20. 68) has mentioned, without any description, a *Masicera tomentosa* Macq. and then cited Macq. Diptères exotiques, suppl. 2. Neither in that place nor anywhere else in Macquart's works is a *Masicera tomentosa* to be found.

Tachina Meig.

Illig. Magaz. II. 280 (1803).

T. nigricornis Fabr. Ent. Syst. IV. 331. 81 (*Musca*); Wied. Auss. Zweifl. II. 322. 76. — East India.

- **cinerea** Fabr. Ent. Syst. IV. 331. 32 (*Musca*); Wied. Auss. Zweifl. II. 297. 29. — East India.
- **nigriventris** Wied. Anal. ent. 43. 81; id. Auss. Zweifl. II. 339. 108. — East India.
- **errans** Wied. Anal. ent. 44. 84; id. Auss. Zweifl. II. 332. 93. — East India.
- **flavipennis** Wied. Anal. ent. 44. 85; id. Auss. Zweifl. II. 329. 87. — East India.
- **macularis** Wied. Anal. ent. 45. 89; id. Auss. Zweifl. II. 332. 94. — East India.
- **metallica** Wied. Anal. ent. 46. 90; id. Auss. Zweifl. II. 331. 92. — East India.
- **molitor** Wied. Anal. ent. 46. 93; id. Auss. Zweifl. II. 341. 111. — East India.
- **sugens** Wied. Auss. Zweifl. II. 306. 46. — Java.
- **rufifrons** Wied. l. c. II. 318. 68. — China.
- **setilatera** Wied. l. c. II. 321. 72. — East India?
- **innocens** Wied. l. c. II. 336. 102. — China.
- **salva** Wied. l. c. II. 340. 110. — China.
- **Psamathe** Walk. List Dipt. Brit. Mus. IV. 765. — Madras.
- **Lucagas** Walk. l. c. IV. 768. — China.
- **Zebina** Walk. l. c. IV. 772. — Bengal.
- **fusiformis** Walk. l. c. IV. 1161. — Nepaul.

T. javana Macq. Dipt. exot. supp. 4. 204. 3. — Java.
- **ophirica** Walk. Proc. Linn. Soc. I. 19. 67. — Mount Ophir.
- **bomboides** Walk. Dipt. Saund. 271. — East India.
- **nitida** Walk. l. c. 271. — East India.
- **sobria** Walk. l. c. 272. — East India.
- **subcinerea** Walk. l. c. 272. — East India.
- **dorsalis** Walk. l. c. 275. — Java.
- **fulva** Walk. l. c. 276. pl. VII f. 4. — East India.
- **atriventris** Walk. l. c. 290. — East India.
- **umbrosa** Walk. l. c. 291. — East India.
- **adusta** Walk. l. c. 291. — East India.
- **alta** Walk. l. c. 293. — East India.
- **tricincta** Walk. l. c. 301. — East India.
- **modesta** Dol. Nat. Tijdschr. Ned. Ind. XVII. 105. 52 (*Clytia*). — Amboina.
- **nigro-analis** Dol. l. c. XVII. 106. 53 (*Clytia*). — Amboina.

This and the preceding species are brought by Doleschall in the genus *Clytia*, but on account of his descriptions (of *modesta*: „abdomine cylindrico"; of *nigro-analis*: „abdomine conico) they cannot be classed in that genus, which is characterised by a rounded abdomen. This moreover is proved by inedited drawings of the author. Therefore I have mentioned them in the g. *Tachina* in general sense.

analis Walk. Proc. Linn. Soc. V. 152. 36. — Amboina.

discifera Walk. l. c. V. 153. 37. — Amboina.

Most of the species, mentioned here in the genus *Tachina*, will belong to any of the modern genera, but the descriptions do not permit a judgment thereon.

Phorocera Rob. D.

Myod. 131 (1830).

Ph. javana Macq. Dipt. ex. supp. 4. 197. 12. — Java.
- **hyalinipennis** Macq. l. c. supp. 4. 197. 13. — Java.
- **expellens** Walk. Proc. Linn. Soc. V. 155. 42. — Amboina.
- **decedens** Walk. l. c. V. 156. 43. — Amboina.
- **basitincta** Walk. l. c. V. 156. 44. — Amboina.
- **convertens** Walk. l. c. V. 240. 44. — New Guinea.

Phorocera vagator Frauenf. Verh. Zool. bot. Ges. XVII. 455 (gen. *Neomintho* Br. B., Denkschr. K. Acad. Wiss. Wien, LVIII. 339) — Ceylon.

- **degeerioides** v. d. Wulp, Tijdschr. v. Entom. XXXVI. 179. pl. 6 f. 3. — Java.

Achaetoneura Br. B.

Denkschr. K. Acad. Wiss. Wien, LVIII. 313. 341 (1891).

A. munda Wied. Auss. Zweifl. II. 324. 78 (*Tachina*). — Tranquebar. (see Br. B. Denkschr. LX. 134, note 26).

Dolichocolon Br. B.

Denkschr. K. Acad. Wiss. Wien, LVI. 100. pl. 4 f. 74 (1889).

D. paradoxum Br. B. l. c. LVI. 165; id. LVIII. 352. — East India; also Dalmatia.

Prosopodes Br. B.

Denkschr. K. Acad. Wiss. Wien, LVI. 90 (1889).

P. orientalis Wied. Auss. Zweifl. II. 333. 96 (*Tachina*). — East India.

- **fasciata** Wied. l. c. II. 337. 105 (*Tachina*) — Macao.

There is still another *Tachina fasciata* Wied. from Guinea (Auss. Zweifl. II. p. 340).

Podomyia Br. B.

Denkschr. K. Acad. Wiss. Wien, LVI. 96 (1889).

P. setosa Dol. Nat. Tijdschr. Ned. Ind. XVII. 102. 46 (*Eurigaster*). — Amboina.

Blepharella Macq.

Dipt. exot. supp. 4. 203 (1851).

Bl. lateralis Macq. Dipt. exot. supp. 4. 204. — Pondichery.

Argyrophylax Br. B.

Denkschr. K. Acad. Wiss. Wien, LVI. 163 (1889).

A. convergens Wied. Anal. ent. 43. 80; id. Auss. Zweifl. II. 320. 71 (*Tachina*). — East India.

- **Zetterstedtii** Br. B. Denkschr. K. Acad. Wiss. Wien, LVIII, 343; v. d. Wulp, Tijdschr. v. Ent. XXXVI. 181. pl. 6 f. 4, — Java; also Guinea.

Sisyropa Br. B.

Denkschr. K. Acad. Wiss. Wien, LVIII. 341 (1891).

S. thermophila Wied. Auss. Zweifl. II. 325. 82 (*Tachina*). — Java.

Degeeria Meig.

Syst. Beschr. VII. 249 (1838).

D. albiceps Macq. Dipt. exot. supp. 4. 202. 3. — Java.

Prodegeeria Br. B.

Denkschr. K. Acad. Wiss. Wien, LXI. 617 (1894).

Pr. javana Br. B. l. c. — Java.

Brauer and v. Bergenstamm presume, that this species may be the female of *Urodexia penicillum* Ost. Sack. (see p. 139).

Gymnostylia Macq.

Suit. à Buff. II. 216 (1835).

G. invita Walk. Proc. Linn. Soc. V. 293. 49. — New Guinea.
- **luteicornis** Walk. l. c. VI. 10. 31. — Gilolo.
- **javana** v. d. Wulp, Tijdschr. v. Entom. XXXVI. 181. pl. 6 f. 5. — Java.

Megistogaster Macq.

Dipt. exot. supp. 4. 212 (1851).

M. Imbrasus Walk. List Dipt. Brit. Mus. IV. 781 (*Tachina*); id. Proc. Linn. Soc. I. 126. 113. — China, Borneo.
- **fuscipennis** Macq. Dipt. exot supp. 4. 213. 1. — Java.
- **costata** Rond. Ann. Mus. Gen. VII. 423; Ost. Sack. Ann. Mus. Gen. XVI. 445. — Borneo, Celebes.

Orectocera v. d. Wulp.

Dipt. Sum. exp. 39 (1881).

O. Beelsebul Wied. Auss. Zweifl. II. 301. 37 (*Tachina*). — Java.
- **alacris** Wied. l. c. II. 303. 40. — Java.
- **micans** v. d. Wulp, Dipt. Sum. exp. 40. 1. pl. 2 f. 12. — Sumatra.

Crossotocnema Big.

Ann. Soc. Ent. France. 6. V. Bull CCI. (1885).

Cr. javana Big. Ann. Soc. Ent. France, 6. V. Bull. CCII. — Java.

Miltogramma Meig.

Illig. Magaz. II. 280 (1803).

M. duodecimpunctata v. d. Wulp, Indian Mus. Notes, III. 5. 15. pl. 1 f. 6. — Brit. India.

Sent to the Indian Museum at Calcutta as a parasite of *Acridium peregrinum* Oliv.

Metopia Meig.

Illig. Magaz. II. 280 (1803).

M. inspectans Walk. Proc. Linn. Soc. IV. 128. 112. — Macassar.

- **instruens** Walk. l. c. IV. 129. 113. — Macassar.

Spiroglossa Dol.

Nat. Tijdschr. Ned. Ind. XVII. 107 (1857).

Sp. typus Dol. Nat. Tijdschr. Ned. Ind. XVII. 107. 55. — Amboina.

Thryptocera Macq.

Suit. à Buff. II. 87 (1835).

Thr. setinervis Thoms. Dipt. Eugen. Resa, 519. 125. — China.

Siphona Meig.

Illig. Magaz. II. 281 (1803).

This genus is also represented on Java: in the collection of Mr. Neervoort van de Poll I have seen a specimen, evidently belonging to the genus *Siphona*, but differing from the European species. It was captured by H. Fruhstorfer on mount Gede in West Java.

Gymnoparcia Br. B.

Denkschr. K. Acad. Wiss. Wien, LVI. 103 (1889).

G. orbata Wied. Auss. Zweifl. II. 336. 103. (*Tachina*). — East India.

Leiosia v. d. Wulp.

L. flavisquama Tijdschr. v. Ent. XXXVI. 186. pl. 6 f. 6. — Java.
Bred from *Lycaena Plinius* F.

Scopolia Rob. D.

Myod. 268 (1830).

Sc. spinicosta Thoms. Dipt. Eugen. Resa, 528. 138. — Manilla.

Myobia Rob. D.

Myod. 98 (1830).

The generic name *Myobia* employed by Heyd. Arachn. 1826 (see Scudder, Nomenclator Zool. II. p. 204).

M. mellea Wied. Anal. ent. 46. 91; id. Auss. Zweifl. II. 333. 95 (*Tachina*). — Java.

- **nigripes** Dol. Nat. Tijdschr. Ned. Ind. X. 411. 32. pl. 5 f. 3. — Java.
- **robusta** v. d. Wulp, Dipt. Sum. exp. 40. 1. — Sumatra.

Chaetomyiobia Br. B.

Denkschr. K. Acad. Wiss. Wien, LXI. 617 (1894).

Ch. javana Br. B. l. c. — Java.

Diglossocera v. d. Wulp.

Tijdschr. v. Entom. XXXVIII. 51 (1895).

D. bifida v. d. Wulp, l. c. 52. pl. 4 f. 1—3. — Java.
Bred from *Athyma pravara* Moore.

DEXINAE.

Prosena St. Farg.

Encyclop. méthod. X. 500 (1825).

Pr. siberita Fabr. Syst. Ent. 798; id. Ent. Syst. IV. 394. 4; id. Syst. Antl. 280. 4 (*Stomoxys*); Meig. Syst. Beschr. IV. 160. 2. pl. 38 f. 1—4; Macq. Suit. à Buff. II. 208. 1. pl. 15 f. 14 (*Pr. sibirica*); Zett. Dipt. Scand. III. 984. 1; Schin. Faun. austr. I. 558. — Europe; also Java.

Syn. *Stomoxys grisea* Fabr. Ent. Syst. IV. 394. 2; id. Syst. Antl. 279. 2.
- *Stomoxys irritans* Panz. Faun. Germ. V. 24.
- *Stomoxys flavipennis* Wied. Zool. Magaz. III. 20. 28; id. Auss. Zweifl. II. 248. 3.

Prosena moluccana Dol. Nat. Tijdschr. Ned. Ind. XVII. 108. 56. — Amboina.
- **pectoralis** Walk. Proc. Linn. Soc. III. 101. 90 (*Dexia*); id. VII. 226. 22; Ost. Sack. Ann. Mus. Gen. XVI. 447. — New Guinea.
- **argentata** Walk. Proc. Linn. Soc. III. 102. 91; id. VII. 214. 59. — Aroe, Mysol.
- **lurida** Walk. l. c. V. 243. 50. — New Guinea.
- **secedens** Walk. l. c. VII. 235. 30. — Ceram.
- **coacta** Walk. l. c. VII. 235. 31. — Ceram.

Dexia Meig.

Syst. Beschr. V. 33 (1826).

D. lepida Wied. Auss. Zweifl. II. 276. 12. — Java.
- **javanensis** Macq. Suit. à Buff. II. 214. 12. — Java.
- **serena** Walk. List Dipt. Brit. Mus. IV. 865. — Madras.
- **subcompressa** Walk. Dipt. Saund. 313. — East India.
- **divergens** Walk. Proc. Linn. Soc. I. 21. 72. — Mount Ophir.
- **munda** Walk. l. c. I. 126. 114. — Borneo.
- **basifera** Walk. l. c. IV. 129. 114; Ost. Sack. Ann. Mus. Gen. XVI 445. — Celebes.
- **includens** Walk. Proc. Linn. Soc. IV. 130. 115. — Macassar.
- **precedens** Walk. l. c. IV. 131. 116. — Macassar.
- **alulifera** Walk. l. c. V. 157. 46 and 287. 67; id. VII. 214. 58. — Amboina, Batjan, Mysol.
- **cylindrica** Walk. l. c. V. 260. 11. — Celebes.
- **fusiformis** Walk. l. c. V. 266. 15. — Tondano.
- **nivifera** Walk. l. c. V. 287. 66. — Batjan.
- **parallela** Walk. l. c. VI. 19. 9. — Ternate.
- **festiva** v. d. Wulp, Dipt. Sum. exp. 41. pl. 2 f. 13. — Sumatra.
- **fulvifera** v. Röder, Entom. Nachr. XIX. 234. 15. — Ceylon.

Thelaira Rob. D.

Myod. 214 (1830).

Th. macropus Wied. Auss. Zweifl. II. 375. 11 (*Dexia*). — Java.
- **extendens** Walk. Proc. Linn. Soc. I. 126. 115 (*Dexia*). — Borneo.

Homodexia Big.

Ann. Soc. Ent. France, 6. V. Bull. XXVI. (1885).

H. obscuripennis Big. Ann. Soc. Ent. France, 6. V. Bull. XXVI. — Ceylon.

Prosheliomyia Br. B.

Denkschr. K. Acad. Wiss. Wien, LVIII. 371 (1891).

Pr. Nietneri Br. B. l. c. 375. — Ceylon.

Urodexia Ost. Sack.

Ann. Mus. Gen. XVIII. 11 (1882).

U. penicillum Ost. Sack. Ann. Mus. Gen. XVIII. 14 (cum fig.). — Celebes.

Torocca Walk.

Proc. Linn. Soc. IV. 131 (1860).

The genera *Torocca* Walk., *Doleschalla* Walk. and *Raphis* v. d. Wulp are synonymous. *Torocca* is the oldest name; moreover the name *Doleschalla* was formerly used in the Lepidoptera.

T. abdominalis Walk. Proc. Linn. Soc. IV. 131. 117. — Macassar.
- **cylindrica** Walk. l. c. V. 242. 48 (*Doleschalla*). — New Guinea.
- **consors** Walk. l. c. VII. 225. 20 (*Doleschalla*). — Waigoe.
- **gonypedoides** Walk. l. c. VII. 226. 21 (*Doleschalla*). — Waigoe.
- **elongata** v. d. Wulp, Tijdschr. v. Entom. XXVIII. 200. pl. 6 f. 12—14 (*Raphis*). — Ceylon.
- **nigra** Big. Ann. Soc. Ent. France, 1888. 98. 1 (*Doleschalla*). — Moluccos.
- **consobrina** Big. l. c. 98. 2 (*Doleschalla*). — Moluccos.
- **picta** Big. l. c. 99. 3 (*Doleschalla*). — Batjan.
- **venosa** Big. l. c. 100. 4 (*Doleschalla*). — New Guinea.
- **maculifera** Big. l. c. 100. 5 (*Doleschalla*). — New Guinea.

Graphia v. d. Wulp.

Tijdschr. v. Entom. XXVIII. 196 (1885).

Gr. strigosa v. d. Wulp, Tijdschr. v. Entom. XXVIII. 197. pl. 6 f. 9—11. — Halmaheira.

Leptoda v. d. Wulp.

Tijdschr. v. Entom. XXVII. 196 (1884).

L. elegans v. d. Wulp, Tijdschr. v. Entom. XXXIV. 207. pl. 12 f. 11, 12. — Java.

Calodexia v. d. Wulp.

Biol. Centr. Amer. Diptera, II. 257 (1891).

C. Lasiocampae v. d. Wulp, Ind. Mus. Notes, III. 5. 16. pl. 1 f. 7. — Brit. India.

Bred from a Lasiocampid caterpillar, which is destructive to paddy in Sambalpur.

Dexiomima Br. B.

Denkschr. K. Acad. Wiss. Wien, LXI. 615 (1894).

D. javana Br. B. l. c. — Java.

Trichoprosopus Macq.

Dipt. exot. II. 3. 70 (1843).

Tr. marginalis Walk. Proc. Linn. Soc. V. 157. 45. — Amboina.

- **divisus** Walk. l. c. VII. 213. 57. — Mysol.

Ochropleurum Macq.

Dipt. exot. supp. 4 211 (1851).

O. javanum Macq. Dipt. exot. supp. 4. 212. — Java.

Aneogmena Br. B.

Denkschr. K. Acad. Wiss. Wien, LVIII. 385 (1891).

A. Fischeri Br. B. Denkschr. K. Acad. Wiss. Wien, LVIII. 386. — East India; also Java (see Denkschr LXI. 617).

Stilbomyia Macq.

Dipt. exot. II. 3. 117 (*Silbomyia*). (1843).

St. fuscipennis Fabr. Syst. Antl. 291. 37 (*Musca*); Wied. Auss. Zweifl. II. 388. 8 (*Musca*); Macq. Dipt. exot. II. 3. 119. 2. pl. 14 f. 6. — Java, Sumatra.

St. micans Fabr. Syst. Antl. 291. 38 (*Musca*); Wied. Auss. Zweifl. II. 387. 7 (*Musca*); Macq. Dipt. exot. II. 3. 118. 1; Walk. Proc. Linn. Soc. I. 128. 123. — Hindostan, Sumatra, Java, Borneo.

- **inflxa** Walk. Proc. Linn. Soc. I. 25. 84. — Singapore.
- **fumipennis** Walk. l. c. I. 25. 85. — Singapore.
- **fulgida** Big. Rev. et Mag. de Zool. 1859. 310 (*Spinthemyia*). — Macassar.

  Syn. *St. prospera* Walk. Proc. Linn. Soc. IV. 133. 124; id. V. 267. 17; Ost. Sack. Ann. Mus. Gen. XVI. 445.

  - *St. nitidissima* Voll. Versl. en meded. K. ac. v. wetensch. XV. 16. 19.

    The name *fulgida* Big. is the oldest (1859), that of *prospera* Walk. dates from 1860, that of *nitidissima* Voll. from 1863.

- **gloriosa** Walk. Proc. Linn. Soc. III. 104. 96. — Aroe.
- **opulenta** Walk. l. c. III. 104. 97. — Aroe.
- **costalis** Walk. l. c. V. 159. 49 (*Musca*); id. V. 290. 75; id. VI. 10. 33 and 22. 11; id. VII. 215. 61 and 227. 23. — Amboina, Batjan, Gilolo, Ceram, Mysol, Waigoe.
- **diffusa** Walk. Proc. Linn. Soc. V. 290. 74. — Batjan.
- **decrescens** Walk. l. c. VII. 215. 62. — Mysol.

Thelychaeta Br. B.

Denkschr. K. Acad. Wiss. Wien, LVIII. 390 (1891).

T. viridaurea Wied. Anal. ent. 43. 82; id. Auss. Zweifl. II. 333. 97 (*Tachina*). — East India.

- **chalybea** Br. B. Denkschr. K. Acad. Wiss. Wien, LVIII. 390. — Borneo.

Thoracites Br. B.

Denkschr. K. acad. Wiss. Wien, LVIII. 363 (1891).

T. abdominalis Fabr. Syst. Antl. 294. 52 (*Musca*); Wied. Auss. Zweifl. II. 407. 40 (*Musca*). — East India, Ceylon.

Syn. *Rhynchomyia plumata* Schin. Dipt. Nov. Reise, 315. 71.

Rutilia Rob. D.

Myod. 422 (1830).

R. mirabilis Guér. Voyage d. l. Coquille, 297. pl. 21 f. 2; Ost. Sack. Ann. Mus. Gen. XVI. 447. — Aroe, New Guinea.

Syn. *R. plumicornis* Macq. Dipt. exot. II. 3. 82. pl. 9 f. 8; Walk. Proc. Linn. Soc. III. 103. 94.

- **dubia** Macq. Dipt. exot. supp. 1. 183. 17. — Manilla.
- **flavipennis** Macq. l. c. supp. 3. 50. 21. — Java.
- **angustecarinata** Macq. l. c. supp. 3. 51. 22. — Java.
- **niteus** Macq. l. c. supp. 4. 216. 23. — East India.
- **nigrocostalis** Dol. Nat. Tijdschr. Ned. Ind. XVII. 108. 57. — Amboina.
- **angustipennis** Walk. Proc. Linn. Soc. III. 101. 89; id. VII. 235. 29. — Aroe, Ceram.
- **glorificans** Walk. l. c. V. 241. 45. — New Guinea.
- **saturasissima** Walk. l. c. V. 287. 68; id. VI. 9. 29; Ost. Sack. Ann. Mus. Gen. XVI. 446. — Ternate, Batjan, Gilolo.
- **fervens** Walk. Proc. Linn. Soc. V. 288. 69. — Batjan.
- **atribasis** Walk. l. c. V. 288. 70; id. VI. 19. 10; Ost. Sack. Ann. Mus. Gen. XVI. 446 and XVIII. 19. — Ternate, Batjan.

  Syn. *Rutilia pretiosa* Voll. Versl. en meded. K. acad. wetensch. XV. 15. 9.; Ost. Sack. Ann. Mus. Gen. XVI. 446.

  - *Formosia smaragdifera* Big. Ann. Soc. Ent. France, 5. IV. 362. 2. pl. 8 f. 3.

  The name *atribasis* Walk. dates from 1861 and is thus older than *pretiosa* Voll., which was published two years later.
- **complicita** Walk. Proc. Linn. Soc. V. 288. 71 and 301. 4; id. VI. 9. 28. — Batjan, Gilolo, Kaisaa.
- **volucelloides** Walk. l. c. V. 289. 72. — Batjan.
- **trixoides** Walk. l. c. V. 289. 73; id. VI. 9. 27 (*ixoides*). — Batjan, Gilolo.
- **saphirina** Walk. l. c. VI. 9. 29. — Gilolo.
- **excelsa** Walk. l. c. VI. 19. 11. — Ternate.
- **ignobilis** Walk. l. c. VII. 238. 1. — Gerrite.
- **pectoralis** Walk. l. c. VIII. 114. 37. — New Guinea.

Formosia Guér.

Rev. Zool. 1843. 263.

F. callipygos Gerst. Stett. Ent. Zeit. XXI. 198. 1. — Batjan.

- **moneta** Gerst. l. c. XXI. 200. 2; Walk. Proc. Linn. Soc. VII. 225. 18. — Batjan, Waigoe.
- **lucigena** Walk. Proc. Linn. Soc. V. 242. 47; id. VII. 225. 19 (*Rutilia*). — New Guinea, Waigoe.
- **papua** Big. Ann. Soc. Ent. de France, 5. X (1880). 87. — New Guinea.

Omalogaster Macq.

Suit. à Buff. II. 218 (1835).

O. rufescens Dol. Nat. Tijdschr. Ned. Ind. XVII. 109. 58. — Amboina.

Morinia Rob. D.

Myod. 264 (1830).

M. Chloë Wied. Auss. Zweifl. II. 383. 26 (*Dexia*); v. d. Wulp, Dipt. Sum. exp. 42. 1. — Sumatra.

Megaloprepes Big.

Rev. et Mag. de Zool. 1859. 309.

M. albonotatus Big. Rev. et. Magaz. de Zool. 1859. 310. — Celebes.

Cordyligaster Macq.

Dipt. exot. II. 3. 90 (1843).

Bigot has described (Ann. Soc. Entom. de France, 1888, p. 101) a *Cordyligaster fuscifacies*, with the indication: „patrie incertaine, Java?“ — The genus *Cordyligaster* being limited to Central and South America, the origin of *C. fuscifacies* from Java is very doubtful. I abstain therefore from admitting this species among the South Asiatic Diptera.

SARCOPHAGINAE.

Phrissopoda Macq.

Suit. à Buff. II. 222 (*Phrissopodia*). (1835).

Phr. metallica v. d. Wulp, Dipt. Sum. exp. 43. 1. pl. 3 f. 1. — Sumatra.

Cynomyia Rob. D.

Myod. 363 (1830).

C. **violacea** Macq. Suit. à Buff. II. 233. 2; id. Dipt. exot. II. 3. 110. 2. pl. 13 f. 6. — Java.

- **quadrivittata** Macq. Dipt. exot. supp. 5. 108. 4 — East India.
- **fortis** Walk. Proc. Linn. Soc. I. 127. 116. — Borneo.
- **fulviventris** Rond. Ann. Mus. Gen. VII. 425. — Borneo.

Sarcophaga Meig.

Syst. Beschr. V. 14 (1826).

S. **ruficornis** Fabr. Ent. Syst. IV. 314. 6; id. Syst. Antl. 287. 12 (*Musca*); Wied. Auss. Zweifl. II. 358. 7; Walk. Proc. Linn. Soc. I. 22. 73. — East India.

- **princeps** Wied. Auss. Zweifl. II. 359. 8; Thoms. Dipt. Eugen. Resa, 534. 146; v. d. Wulp, Dipt. Sum. exp. 42. 1. — Hindostan, China, Malacca, Sumatra.
- **taenionota** Wied. Auss. Zweifl. II. 360. 12. — Java, etc.
- **fulvicornis** Rob. D. Myod. 341 (*Myophora*). — Bengal.
- **Duvaucelii** Rob. D. l. c. 351 (*Myophora*). — Bengal.
- **tenuipalpis** Macq. Dipt. exot. II. 3. 101. 9. — Pondichery.
- **lineatocollis** Macq. l. c. II. 3. 101. 10. pl. 12 f. 2; v. Röder, Entom. Nachr. XIX. 235. 16. — Java, Ceylon.
- **javana** Macq. Dipt. exot. supp. 4. 232. 30. — Java.
- **sericea** Walk. Dipt. Saund. 326. — East India.
- **reciproca** Walk. Proc. Linn. Soc. I. 22. 74. — Singapore.
- **aliena** Walk. l. c. I. 22. 75 and 127. 117; id. IV. 132. 119. — Mount Ophir, Borneo, Celebes.
- **indicata** Walk. l. c. I. 127. 118. — Borneo.
- **aurifrons** Dol. Nat. Tijdschr. Ned. Ind. XVII. 109. 59. — Amboina.
- **frontalis** Dol. l. c. XVII. 110. 61. — Amboina.
- **compta** Walk. Proc. Linn. Soc. III. 102. 92. — Aroe.
- **invaria** Walk. l. c. III. 103. 93; id. IV. 132. 118. — Celebes, Aroe.
- **basalis** Walk. l. c. III. 129. 8. — Key isl.
- **mendax** Walk. l. c. IV. 132. 120; id. VI. 10. 32. — Macassar, Gilolo.
- **inextricata** Walk. l. c. IV. 132. 121. — Macassar.
- **sericeonitens** Walk. l. c. V. 158. 47; id. VI. 22. 10; Ost. Sack. Berl. Ent. Zeitschr. XXVI. 193. — Amboina, Philippines, Ceram.

S. aurata Walk. Proc. Linn. Soc. V. 158. 48. — Amboina.
- **innotata** Walk. l. c. VII. 214. 60. — Mysol.
- **brevis** Walk. l. c. VII. 236. 32; Ost. Sack. Berl. Ent. Zeitschr. XXVI. 193. — Philippines, Ceram.
- **perpusilla** Walk. Proc. Linn. Soc. VIII. 115. 38. — New Guinea.
- **frontalis** Thoms. Dipt. Eugen. Resa, 535. 150. — Manilla and isl. Ross.

Nomen bis lectum: see *S. frontalis* Dol.

- **spininervis** Thoms. l. c. 538. 156. — Manilla.
- **emigrata** Rond. Ann. Mus. Gen. VII. 424. — Borneo.
- **ruflpalpis** v. d. Wulp, Dipt. Sum. exp. 42. 2. — Sumatra.

Sarcophila Rond.

Dipt. Ital. Prodr. I. 86 (1856).

S. alba Schin. Dipt. Nov. Reise, 315. 69. — Ceylon.

Catapicephala Macq.

Dipt. exot. supp. 4. 237 (1851).

C. splendens Macq. Dipt. exot. supp. 4. 237. — Java.

MUSCINAE.

Stomoxys Geoffr.

Ins. II. 538 (1764).

St. calcitrans Linn. Fn. Suec. 1900 (*Conops*); Fabr. Spec. Ins. II. 467. 4; id. Ent. Syst. IV. 394. 5; id. Syst. Antl. 280. 5; Fall. Haematomyz. 6. 3; Meig. Syst. Beschr. IV. 160. 3. pl. 38 f. 7; Macq. Suit. à Buff. II. 242. 1; Zett. Ins. lapp. 221. 1; id. Dipt. Scand. III. 985. 1; Schin. Fn. austr. I. 578; id. Dipt. Nov. Reise, 311; v. d. Wulp, Dipt. Sum. exp. 43. 1. — Europe; China, Ceylon, Java, Sumatra; also Sydney.

Syn. *Musca pungens* de Geer, Ins. VI. 78. 11. pl. 4 f. 12—17.
- *Stomoxys tessellata* Fabr. Syst. Antl. 281. 7.

- **libatrix** Rob. D. Myod. 387. — Coromandel.
- **plurinotata** Big. Bull. Soc. Zool. de France, 1887. 593. — Ceylon.

Rhynchomyia Rob. D.

Myod. 424 (1830).

Rh. bicolor Macq. Dipt. exot. II. 3. 125. 1. pl. 15 f. 4. — Pondichery.
- **aberrans** Schin. Dipt. Nov. Reise, 316. 72. — China.
- **indica** Rond. Ann. Mus. Gen. VII. 424; Osi. Sack. Berl. Ent. Zeitschr. XXVI. 193. — Borneo, Philippines.
- **palliceps** Big. Bull. Soc. Zool. de France, 1887. 594. — Hindostan.

Idia Meig.

Syst. Beschr. V. 9 (1826).

The generic name *Idia* formerly used by Lamarck, Pol. 1816 (see Scudder, Nomenclator Zool. II, p. 160).

I. **melanostoma** Wied. Auss. Zweifl. II. 353. 9. — Java.
- **obsoleta** Wied. l. c. II. 355. 12. — China.
- **flavipes** Rob. D. Myod. 420. 2. — East India.
- **bengalensis** Rob. D. l. c. 421. 4. — Bengal.
- **metallica** Macq. Suit. à Buff. II. 246. 2. — Bengal.
- **flavipennis** Macq. Dipt. exot. II. 3. 125. 4. pl. 15 f. 2; id. supp. 3. 55. — Java.
- **limbipennis** Macq. l. c. supp. 3. 54. 9. — Java.
- **marginata** Macq. l. c. supp. 4. 239. 10. — Java.
- **quadrimaculata** Macq. l. c. supp. 4. 240. 12. — Java.
- **australis** Walk. List Dipt. Brit. Mus. IV. 809; id. Proc. Linn. Soc. III. 103. 94 and IV. 132. 122. — Celebes, Aroe; also Australia.
- **simplex** Walk. Trans. Ent. Soc. n. ser. IV. 212. — Hindostan.
- **tenebrosa** Walk. Proc. Linn. Soc. I. 23. 76. — Mount Ophir.
- **bicolor** Walk. l. c. I. 23. 77. — Malacca.
- **bivittata** Walk. l. c. I. 128. 129. — Borneo.
- **aequalis** Walk. l. c. III. 103. 95. — Aroe.
- **divisa** Walk. l. c. V. 267. 16. — Tondano.
- **pleuralis** Thoms. Dipt. Eugen. Resa, 542. 166. — Keeling isl.
- **tripartita** Big. Ann. Soc. Ent. France, 5. IV. 236. 1. — East India.
- **nigricauda** Big. l. c. 5. IV. 237. 3. — Burmah.
- **quadrinotata** Big. l. c. 5. IV. 238. 4. — Borneo.
- **cincta** Big. l. c. 5. IV. 238. 5. — Ceylon.

I. **lateralis** v. d. Wulp, Dipt. Sum. exp. 44. 2. pl. 3 f. 2; Ost. Sack. Berl. Ent. Zeitschr. XXVI. 192. — Sumatra, Philippines.

- **cervina** Ost. Sack. Ann. Mus. Gen. XVI. 448. — Amboina.

Idiella Br. B.

Denkschr. K. Acad. Wiss. Wien, LVI. 154 (1889).

I. **xanthogaster** Wied. Nov. gen. 21 (*Idia*); id. Auss. Zweifl. II. 349. 2 (*Idia*); Rob. D. Myod. 420. 1 (*Idia xanthogastra*); Walk. List Dipt. Brit. Mus. IV. 807; id. Proc. Linn. Soc. III. 130. 9 (*Idia*); Ost. Sack. Ann. Mus. Gen. XVI. 448 (*Idia*). — Bengal, Hindostan, Java, Key isl.

- **mandarina** Wied. Auss. Zweifl. II. 350. 4 (*Idia*); v. d. Wulp, Tijdschr. v. Entom. XXIII. 171. 28 (*Idia*); id. Dipt. Sum. exp. 44. 1 (*Idia*). — China, Java, Sumatra.
- **unicolor** Macq. Dipt. exot. supp. 4. 240. 11 (*Idia*). — Java.

Rhinia Rob. D.

Myod. 422 (1830).

Rh. **discolor** Fabr. Ent. Syst. IV. 320. 34 (*Musca*); id. Syst. Antl. 295. 55 (*Musca*); Wied. Auss. Zweifl. II. 352. 8; Walk. Proc. Linn. Soc. I. 127. 119 (*Idia*). — Java, Borneo.

- **testacea** Rob. D. Myod. 423. 1; Macq. Suit. à Buff. II. 246. 3; Walk. Proc. Linn. Soc. III. 130. 10 (*Idia*); Schin. Dipt. Nov. Reise, 310. 56. — Nicobar isl., Key isl.
- **fulvipes** Big. Ann. Soc. Ent. de France, 5. IV. 239. 1. — Ceylon.

Stomorhina Rond.

Dipt. Ital. Prodr. IV. 9 (1861).

St. **muscina** Rond. Ann. Mus. Gen. VII. 429; Ost. Sack. Berl. Ent. Zeitschr. XXVI. 192 (*Idia*). — Borneo, Philippines.

- **scalaris** Big. Bull. Soc. Zool. de France, 1887. 591. — Ternate.
- **bivittata** Big. l. c. 592. — Hindostan.

Cosmina Rob. D.

Myod. 423 (1830).

C. **varia** Walk. Dipt. Saund. 350. — Ceylon.

- **prolata** Walk. Proc. Linn. Soc. IV. 133. 122 (*Idia*); Ost. Sack. Ann. Mus. Gen. XVI. 449. — Macassar.
- **micans** Big. Ann. Soc. Ent. de France, 5. IV. 241. 2. — Poeloe Pinang.
- **pinangiana** Big. l. c. 5. IV. 241. 3. — Poeloe Pinang.

Lucilia Rob. D.

Myod. 452 (1830).

L. **viridaurea** Wied. Zool. Magaz. III. 22. 32; id. Auss. Zweifl. II. 397. 22 (*Musca*); v. d. Wulp, Tijdschr. v. Entom. XXIII. 172. 31. — Java.

- **coerulea** Wied. Zool. Magaz. III. 23. 33; id. Auss. Zweifl. II. 406. 37 and 654. 12 (*Musca*); Macq. Dipt. exot. II. 3. 140. 9. — Java.
- **dux** Eschh. Entomogr. I. 120. 85; Wied. Auss. Zweifl. II. 399. 25 (*Musca*); Rond. Ann. Mus. Gen. VII. 426 (*Compsomyia*); Ost. Sack. Ann. Mus. Gen. XVI. 450; id. Berl. Ent. Zeitschr. XXVI. 192. — Hindostan, Borneo, Sumatra, Java, Celebes, etc.

  Syn. *Lucilia flaviceps* Macq. Dipt. exot. II. 3. 145. pl. 18 f. 1; Walk. Proc. Linn. Soc. I. 23. 78 and 128. 121; id. IV. 135. 130; Schin. Dipt. Nov. Reise, 305. 37.

  - *Chrysomyia Duvaucelii* Rob. D. Myod. 451. 19. (see v. d. Wulp, Tijdschr. v. Entom. XXIII. 172. 30).

- **munda** Wied. Auss. Zweifl. II. 398. 23 (*Musca*); Ost. Sack. Ann. Mus. Gen. XVI. 450 (*Pollenia*?); v. Röder, Ent. Nachr. XIX. 235. 19 (*Lucilia*). — Ceylon, Java.
- **chalybea** Wied. Auss. Zweifl. II. 402. 30; Walk. Proc. Linn. Soc. I. 128. 122. — Java, Borneo.
- **accincta** Wied. Auss. Zweifl II. 407. 39 (*Musca*); Rond. Ann. Mus. Gen. VII. 426 (*Compsomyia*). — Borneo.
- **lauta** Wied. Auss. Zweifl. II. 410. 44 (*Musca*). — Java.
- **ligurriens** Wied. l. c. II. 655 (*Musca*). — China, Java.
- **amica** Rob. D. Myod. 453. 4. — Timor.
- **indica** Rob. D. l. c. 453. 5. — Bengal.
- **eximia** Rob. D. l. c. 456. 15. — Timor.

L. **bengalensis** Rob. D. Myod. 460. 28. — Bengal.
- **timorensis** Rob. D. l. c. 460. 29. — Timor.
- **brevigaster** Macq. Suit. à Buff. II. 256. 23; id. Dipt. exot. II. 3. 140. 8. pl. 19 f. 1. — Java.
- **flavidipennis** Macq. Dipt. exot. II. 3. 139. 6. pl. 19 f. 4; v. d. Wulp, Dipt. Sum. exp. 46. 2. — Coast of Coromandel, Java, Sumatra, Philippines.

  Syn. *L. philippensis* Macq. Dipt. exot. II. 3. 146. 24. pl. 18 f. 3.
  - *L. flavicalyptrata* Macq. l. c. supp. 3. 55. 37.
  - *L. caeruleifrons* Macq. l. c. supp. 4. 248. 50.
- **flavipennis** Macq. Dipt. exot. II. 3. 139. 7. pl. 17 f. 6. — Ceylon.
- **orientalis** Macq. l. c. II. 3. 145. 22. pl. 18 f. 2; v. d. Wulp, Dipt. Sum. exp. 46. 3. — Pondichery, Sumatra.
- **ruficornis** Macq. Dipt. exot. supp. 2. 84. 35. — East India.
- **Phellia** Walk. List Dipt. Brit. Mus. IV. 884. — Bengal.
- **vittata** Macq. Dipt. exot. supp. 3. 56. 38. — Java.
- **rufiъeps** Macq. l. c. supp. 3. 56. 39. — Java.
- **cyaneo-marginata** Macq. l. c. supp. 4. 248. 49. — Java.
- **rectineuris** Macq. l. c. supp. 5. 111. 58. — East India.
- **pinguis** Walk. Trans. Ent. Soc. n. ser. IV. 213. — Hindostan.
- **nosocomiorum** Dol. Nat. Tijdschr. Ned. Ind. XIV. 413. pl. 3 f. 3; Ost. Sack. Ann. Mus. Gen. XVI. 450. — Amboina.
- **chrysoides** Walk. Proc. Linn. Soc. I. 23. 79. — Malacca, Mount Ophir.
- **porphyrina** Walk. l. c. I. 24. 80. — Mount Ophir.
- **trita** Walk. l. c. I. 24. 81 and 128. 124. — Malacca, Borneo.
- **defixa** Walk. l. c. I. 24. 82. — Singapore.
- **dotata** Walk. l. c. I. 25. 86. — Singapore.
- **azurea** Dol. Nat. Tijdschr. Ned. Ind. XVII. 64. — Amboina.
- **macularis** Walk. Proc. Linn. Soc. III. 104. 98. — Aroe.
- **marginifera** Walk. l. c. III. 105. 99. — Aroe.
- **selecta** Walk. l. c. IV. 135. 131. — Macassar.
- **sperata** Walk. l. c. IV. 136. 132. — Macassar.
- **inscribens** Walk. l. c. IV. 136. 133. — Macassar.
- **electa** Walk. l. c. IV. 136. 134. — Macassar.
- **fortunata** Walk. l. c. IV. 137. 135; Ost Sack. Berl. Ent. Zeitschr. XXVI. 193. — Macassar.

Lucilia intrahens Walk. Proc. Linn. Soc. IV. 137. 136. — Macassar.
- **ditissima** Walk. l. c. V. 244. 51; Ost. Sack. Berl. Ent. Zeitschr. XXVI. 192. — Philippines, New Guinea.
- **nitescens** Walk. Proc. Linn. Soc. V. 302. 2 (*Chrysomyia*). — Machian (Batjan).
- **divitiosa** Walk. l. c. VII. 215. 63 (*Chrysomyia*). — Mysol.
- **leucodes** Frauenf. Verh. Zool. bot. Ges. XVII. 453; Schin. Dipt. Nov. Reise, 305. 35. — Singapore.
- **pavonia** Schin. Dipt. Nov. Reise, 305. 36. — Nicobar islands.
- **Leonardi** Weyenb. Archiv. Neerl. IV. 362. — Java.
- **caeruleovirens** Rond. Ann. Mus. Gen. VII. 426 (*Compsomyia*). — Borneo.
- **violaceinitens** Rond. l. c. VII. 426 (*Compsomyia*). — Borneo.
- **xanthomera** Rond. l. c. VII. 427 (*Somomyia*). — Borneo.
- **barbata** Big. Ann. Soc. Ent. France, 5. VII. 39. 6 (*Somomyia*). — East India.
- **pagodina** Big. l. c. 5. VII. 40. 7 (*Somomyia*). — Pondichery.
- **fuscocincta** Big. l. c. 5. VII. 40. 8 (*Somomyia*). — Assam.
- **rubiginosa** Big. l. c. 5. VII. 41. 9 (*Somomyia*). — Burmah.
- **birmanensis** Big. l. c. 5. VII. 41. 10 (*Somomyia*). — Burmah.
- **infumata** Big. l. c. 4. VII. 42. 11 (*Somomyia*). — Burmah.
- **versicolor** Big. l. c. 5. VII. 42. 12 (*Somomyia*). — Ceylon.
- **obesa** Big. l. c. 5. VII. 43. 13 (*Somomyia*). — Ceylon.
- **caeruleocincta** Big. l. c. 5. VII. 43. 14 (*Somomyia*). — Poeloe Pinang.
- **tagalina** Big. l. c. 5. VII. 44. 15 (*Somomyia*). — Philippines.
- **pictifacies** Big. l. c. 5. VII. 45. 16 (*Somomyia*). — Java.
- **coeruleolimbata** Big. Bull. Soc. Zool. de France, 1887. 599 (*Somomyia*). — Java.
- **dives** Big. l. c. 600 (*Somomyia*). — Calcutta.
- **atrifacies** Big. l. c. 601 (*Somomyia*). — Calcutta.
- **melanorhina** Big. l. c. 602 (*Somomyia melanorhyna*). — Java, Ternate, Waigoe, New Guinea.
- **pachysoma** Big. l. c. 603 (*Somomyia*). — Java.
- **nitidifacies** Big. l. c. 603 (*Somomyia*). — Java.
- **cyaneo-cincta** Big. l. c. 604 (*Somomyia*). — Java, Ternate, Timor.
- **nebulosa** Big. l. c. 604 (*Somomyia*). — Java, Ternate.

Pyrellia Rob. D.

Myod. 462 (1860).

P. **violacea** Macq. Dipt. exot. supp. 4. 251. 8; v. d. Wulp, Dipt. Sum. exped. 47. 1. — Sumatra.
difidens Walk. Proc. Linn. Soc. I. 26. 87 and 128. 125; v. Röder, Entom. Nachr. XIX. 235. 18. — Ceylon, Singapore, Borneo.
- **confixa** Walk. Proc. Linn. Soc. I. 26. 88. — Mt. Ophir.
- **refixa** Walk. l. c. I. 26. 89; id. IV. 138. 139. — Singapore, Celebes.
- **perfixa** Walk. l. c. I. 26. 90. — Mt. Ophir.
- **affixa** Walk. l. c. I. 27. 91. — Mt. Ophir.
- **exempta** Walk. l. c. I. 128. 126. — Borneo.
- **benedicta** Walk. l. c. III. 105. 100. — Aroe.
- **obtrusa** Walk. l. c. III. 105. 101 and 130. 10; id. IV. 135. 129; id. V. 159. 50; id. VI. 11. 35; id. VII. 236. 34. — Celebes, Amboina, Key, Aroe, Gilolo, Ceram.
- **optata** Walk. l. c. IV. 137. 137. — Macassar.
- **proferens** Walk. l. c. IV. 138. 138. — Macassar.
- **porphyricola** Walk. l. c. VII. 215. 64. — Mysol.
- **fumipennis** Walk. l. c. VIII. 115. 39. — New Guinea.
- **Sivah** Big. Ann. Soc. Ent. France, 1878. 33. 1. — East India.
- **Stella** Big. l. c. 34. 2. — Ceylon.
- **Pepita** Big. l. c. 37. 11. — Celebes.
- **cyanea** v. Röder, Entom. Nachr. XIX. 235. 17. — Ceylon.

Calliphora Rob. D.

Myod. 433 (1830).

C. **papua** Guér. Voyage d. l. Coquille, 297. — New Guinea.
- **Oceaniae** Rob. D. Myod. 438. 5. — Timor, etc.
- **rufipes** Macq. Dipt. exot. II. 3. 129. 5. pl. 16 f. 3. — Java.
- **bivittata** Dol. Nat. Tijdschr. Ned. Ind. XVII. 111. 62 (*Lucilia*); Walk. Proc. Linn. Soc. V. 159. 51; Ost. Sack. Ann. Mus. Gen. XVI. 449. — Amboina.
- **ingens** Walk. Proc. Linn. Soc. IV. 134. 126. — Macassar.
- **sarcophagoides** Walk. l. c. V. 244. 52. — New Guinea.
- **mesembrinoides** Walk. l. c. V. 244. 53. — New Guinea.

Calliphora fulviceps v. d. Wulp, Dipt. Sum. exp. 44. 1. pl. 3 f. 3, 4. — Sumatra.

Metallea v. d. Wulp.

Tijdschr. v. Entom. XXIII. 174 (1880).

M. notata v. d. Wulp, Tijdschr. v. Entom. XXIII. 175. 34. pl. 10 f. 10—12. — Java.

- **cuprina** Big. Ann. Soc. Ent. France, 6. VI. Bull. XIV (*Synamphoneura*). — Java.

The characters of the genus *Synamphoneura* Big. seem to agree so much with those of my genus *Metallea*, that the two may be considered as identical.

Ochromyia Macq.

Suit. à Buff. II. 248 (1835).

O. jejuna Fabr. Ent. Syst. IV. 312. 1; id. Syst. Antl. 283. 1; Wied. Auss. Zweifl. II. 386. 4 (*Musca*); Macq. Suit. à Buff. II. 249. 1; v. d. Wulp, Tijdschr. v. Entom. XXIII. 173. 32. — Bengal, Java.

Syn. *Musca torosa* Wied. Zool. Magaz. III. 21. 29.

- *Bengalia testacea* Rob. D. Myod. 426. 1.

- **labiata** Rob. D. Myod. 426. 2 (*Bengalia*). — Bengal.
- **pallens** Rob. D. l. c. 426. 3 (*Bengalia*). — Bengal.
- **melanocera** Rob. D. l. c. 426. 4 (*Bengalia*). — Bengal.
- **lateralis** Macq. Dipt. exot. II. 3. 120. 1. pl. 14 f. 7 (*Bengalia*). — Pondichery.
- **fasciata** Macq. l. c. II. 3. 133. 1. pl. 17 f. 1. — East India.
- **javana** Macq. l. c. supp. 1. 196. 6. pl. 17 f. 10. — Java.
- **Dioclea** Walk. List Dipt. Brit. Mus. IV. 869 (*Musca*); id. Proc. Linn. Soc. I. 128. 128 (*Bengalia*). — Borneo.
- **spissa** Walk. Proc. Linn. Soc. III. 107. 106 (*Bengalia*). — Aroe.
- **trifascia** Walk. l. c. V. 245. 55. — New Guinea.
- **bicolor** v. d. Wulp, Dipt. Sum. exp. 45. 1. — Sumatra.
- **quadrinotata** Big. Bull. Soc. Zool. France, 1887. 608. — Ceylon.
- **fulvescens** Big. l. c. 609. — Moluccos.

Phumosia Rob. D.

Myod. 427 (1830).

Ph. abdominalis Rob. D. Myod. 427. 1; Macq. Suit à Buff. II. 249. 2 (*Ochromyia*); v. d. Wulp, Tijdschr. v. Entom. XXIII. 174. 33 (*Ochromyia*). — Timor, Amboina, Celebes, Gilolo, Ternate, Philippines, Mysol, Ceram.

Syn. *Ochromyia ferruginea* Dol. Nat. Tijdschr. Ned. Ind. XIV. 414, pl. X f. 3; Walk. Proc. Linn. Soc. V. 160. 54; Ost. Sack. Ann. Mus. Gen. XVI. 449 and Berl. Ent. Zeitschr. XXVI. 192.

- *Ochromyia promittens* Walk. Proc. Linn. Soc. IV. 134. 127; id. VI. 11. 35 and 20. 12; id. VII. 216. 67 and 236. 34.

- **Belvosii** Rob. D. Myod. 428. 3. — Timor?
- **variegata** Big. Bull. Soc. Zool. de France, 1887. 610. — New Guinea
- **papouana** Big. l. c. 610. — New Guinea.
- **fulvicornis** Big. l. c. 611. — Java.

Plinthomyia Rond.

Ann. Mus. Gen. VII. 427 (1875).

Pl. emimelania Rond. Ann. Mus. Gen. VII. 428. — Borneo.

Pollenia Rob. D.

Myod. 412 (1830).

P. reflectens Walk. Proc. Linn. Soc. I. 24. 83. — Malacca.
- **flavicans** Dol. Nat. Tijdschr. Ned. Ind. XVII. 112. 65. — Amboina.
- **eristaloides** Walk. Proc. Linn. Soc. III. 106. 105. — Aroe.

Graphomyia Rob. D.

Myod. 403 (1830).

Gr. praedicens Walk. Proc. Linn. Soc. IV. 139. 44 (*Musca*). — Macassar.
- **calliphoroides** Walk. l. c. V. 245. 54 (*Musca*); id. VII. 216. 68. — New Guinea, Mysol.

Musca Linn.

Faun. Suec. 439 (1763).

M. domestica Linn. Faun. Suec. 1833; Fabr. Spec. Ins. II. 436. 7; id. Ent. Syst. IV. 315. 11; id. Syst. Antl. 287. 18; de Geer, Ins. VI. 71. 10. pl. 4 f. 5, 6; Fall. Musc. 49. 26; Meig. Syst. Beschr. V. 67. 31; Macq. Suit. à Buff. II. 265. 1; Zett. Ins. lapp. 659. 24; id. Dipt. Scand. IV. 1335. 7; Walk. Proc. Linn. Soc. IV. 138. 141; Schin. Faun. austr. I. 594; id. Dipt. Nov. Reise, 306. 39; v. d. Wulp, Dipt. Sum. exp. 45. 1. — China, Singapore, Celebes, Sumatra; also Europe, S. Africa, N. America, Cuba and Australia.

- **corvina** Fabr. Spec. Ins. II. 440. 21; id. Ent. Syst. IV. 320. 31; id. Syst. Antl. 294. 49; Fall. Musc. 48. 25; Meig. Syst. Beschr. V. 69. 32; Macq. Suit. à Buff. II. 266. 4. pl. 16 f. 17; Zett. Ins. lapp. 659. 23; id. Dipt. Scand. IV. 1336. 8. Schin. Faun. austr. I. 594; id. Dipt. Nov. Reise, 307. 40; v. d. Wulp, Dipt. Sum. exp. 45. 2. — Ceylon, Singapore, Sumatra, Manilla; also Europe and N. America.

  Syn. *M. albifrons* Linn. Faun. Suec. 1834?

  - *M. autumnalis* de Geer, Ins. VI. 83. 12.
  - *M. Tau* Schrank, Ins. Austr. 981.
  - *M. ludifica* Fabr. Ent. Syst. IV. 323. 46; id. Syst. Antl. 298. 73; Panz. Faun. germ. CV. 13.
  - *M. nigripes* Panz. Faun. germ. LX. 13.

- **Nebulo** Fabr. Ent. Syst. IV. 321. 35; id. Syst. Antl. 295. 56; Wied. Auss. Zweifl. II. 416. 55. — East India.
- **varicolor** Fabr. Syst. Antl. 296. 65; Wied. Auss. Zweifl. II. 395. 19. — Tranquebar.
- **xanthomelas** Wied. Anal. ent. 49. 102; id. Auss. Zweifl. II. 416. 54. — Java.
- **virens** Wied. Auss. Zweifl. II. 409. 42 — Java.
- **adumbrata** Wied. l. c. II. 413. 49. — Java.
- **albina** Wied. l. c. II. 415. 53. — East India.
- **hortulana** Wied. l. c. II. 417. 57. — China.
- **humilis** Wied. l. c. II. 418. 59. — East India.
- **cuprina** Wied. l. c. II. 654. 11. — China.

M. **latifrons** Wied. Auss. Zweifl. II. 656. 16. — Macao.
- **ventrosa** Wied. l. c. II. 656. 17. — China, Sumatra.
- **mediana** Wied. l. c. II. 657. 18. — China.
- **rufifrons** Macq. Dipt. exot. II. 3. 152. 5. — Java.
- **Tifata** Walk. List Dipt. Brit. Mus. IV. 871. — China.
- **Remuria** Walk. l. c. IV. 871. — China.
- **Metilia** Walk. l. c. IV. 898. — Nepaul.
- **primitiva** Walk. l. c. IV. 903. — China.
- **divisa** Walk. Dipt. Saund. 333. — East India.
- **aucta** Walk. l. c. 334. — British India.
- **inducta** Walk. l. c. 335. — East India.
- **polita** Walk l. c. 338. — East India.
- **serenissima** Walk. l. c. 340. — East India.
- **temperata** Walk. l. c. 340. — East India.
- **determinata** Walk. l. c. 345. — East India.
- **obscurata** Walk. Proc. Linn. Soc. III. 105. 103; id. VII. 227. 24. — Aroe, Waigoe.
- **patiens** Walk. l. c. III. 106. 101. — Aroe.
- **delectans** Walk. l. c. IV. 134. 125. — Macassar.
- **gavisa** Walk. l. c. IV. 138. 140. — Macassar.
- **conducens** Walk. l. c. IV. 138. 142; Ost. Sack. Berl. Ent. Zeitschr. XXVI. 192. — Macassar.
- **xanthomela** Walk. Proc. Linn. Soc. IV. 139. 143. — Macassar. Is a species different from *M. xanthomelas* Wied.
- **collecta** Walk. l. c. IV. 139. 145. — Macassar.
- **inconclusa** Walk. l. c. V. 160. 53. — Amboina.
- **umbrifera** Walk. l. c. V. 267. 18. — Tondano.
- **sordidissima** Walk. l. c. VII. 216. 65. — Mysol.
- **aricioides** Walk. l. c. VII. 216. 66. — Mysol.
- **praecox** Walk. l. c. VII. 236. 35. — Ceram.
- **niveisquama** Thoms. Dipt. Eugen. Resa, 547. 175. — China, Manilla, Malacca.
- **convexifrons** Thoms. l. c. 547. 176. — China.
- **bivittata** Thoms. l. c. 547 177. — Manilla.
- **flavinervis** Thoms. l. c. 547. 178. — Isl. Ross.
- **scapularis** Rond. Ann. Mus. Gen. VII. 428. — Borneo.
- **eutaeniata** Big. Bull. Soc. Zool. France, 1887. 605. — Pondichery, Cochinchina.

Musca cingalaisina Big. Bull. Soc. Zool. France, 1887. 606. — Ceylon.

The descriptions of most of the above mentioned species of *Musca* do not permit to state in which of the modern genera they must be ranged. Only the first two species (*M. domestica* and *corvina*) belong with certainty in the g. *Musca* in its limited sense.

Isomyia Walk.

Proc. Linn. Soc. IV. 134 (1860).

I. delectans Walk. Proc. Linn. Soc. IV. 134. 125. — Macassar.
conflagrans Walk. l. c. V. 261. 12. — Celebes.

Anisomyia Walk.

Proc. Linn. Soc. IV. 135 (1860).

A. favillacea Walk. Proc. Linn. Soc. IV. 135. 128 (*Musca*); Ost. Sack. Ann. Mus. Gen. XVI. 451. — Celebes.

Cyrtoneura Macq.

Suit. à Buff. II. 274 (*Curtoneura*). (1835).

C. planiceps Wied. Anal. ent. 48. 100; id. Auss. Zweifl. II. 414. 51. — Java.
- **hortensia** Wied. Anal. ent. 49. 101; id. Auss. Zweifl. II. 413. 50. — Java.
- **pruinosa** v. d. Wulp, Tijdschr. v. Entom. XXIII. 176. 35. — Java.

ANTHOMYINAE.

Aricia Rob. D.

Myod. 309 (1830).

The generic name *Aricia* was used by Savigny, Vermes, 1817 (see Scudder, Nomenclator Zoolog. II, p. 28).

A. indica Walk. Dipt. Saund. 352. — East India.
- **argentata** Walk. Proc. Linn. Soc. I. 27. 92. — Malacca.

A. **patula** Walk. Proc. Linn. Soc. I. 28. 94 and 128. 129. — Singapore, Borneo, Java.
- **inaperta** Walk. l. c. I. 129. 130. — Borneo.
- **quadripunctata** Dol. Nat. Tijdschr. Ned. Ind. XVII. 113. 66. — Amboina.
- **graminicola** Dol. l. c. XVII. 113. 67. — Amboina.
- **significans** Walk. Proc. Linn. Soc. III. 107. 107; IV. 140. 146; V. 160. 54 and VII. 217. 70. — Celebes, Amboina, Aroe, Mysol.
- **canivitta** Walk. l. c. III. 107. 108. — Aroe.
- **vicaria** Walk. l. c. III. 130. 12. — Key island.
- **squalens** Walk. l. c. III. 130. 13. — Key island.
- **contraria** Walk. l. c. IV. 140. 147; id. VII. 217. 71. — Macassar, Mysol.
- **integra** Walk. l. c. IV. 140. 148. — Macassar.
- **nigricosta** Walk. l. c. IV. 140. 149. — Macassar.
- **albicornis** Walk. l. c. VII. 216. 69. — Mysol.
- **leucoceros** Walk. l. c. VII. 217. 72. — Mysol.
- **biplaga** Walk. l. c. VII. 217. 73. — Mysol.
- **prolixa** Walk. l. c. VII. 218. 74. — Mysol.

Mydaea Rob. D.

Myod. 478 (1830).

M. **varians** Big. Ann. Soc. Ent. de France, 1885. 287. 5 (*Spilogaster*); v. Röder, Entom. Nachr. XIX. 235. 20. — Port Natal; Ceylon.

Spilogaster Macq.

Suit. à Buff. II. 293 (1835).

Sp. **detracta** Walk. Dipt. Saund. 556. — East India.
- **pusilla** Dol. Nat. Tijdschr. Ned. Ind. XVII. 114. 68. — Amboina.
- **xanthoceras** Walk. Proc. Linn. Soc. IV. 141. 150; id. V. 246. 56 and 261. 13. — Macassar, Menado, Dorey.
- **albiceps** v. d. Wulp, Dipt. Sum. exp. 47. 1. — Sumatra.
- **pruinosa** Big. Ann. Soc. Ent. France, 1885. 287. 4. — Ceylon.
- **leucocera** Big. l. c. 291. 12. — Moluccos.

Hydrotaea Rob. D.

Myod. 509 (1830).

H. chalcogaster Wied. Auss. Zweifl. II. 427. 11 (*Anthomyia*); Schin. Dipt. Nov. Reise, 303. 27. — Nicobar islands.

- **javana** Macq. Dipt. exot. supp. 4. 262. 1. — Java.
- **solennis** Walk. Proc. Linn. Soc. I. 27. 93. — Mount Ophir.
- **bicolor** Dol. Nat. Tijdschr. Ned. Ind. XVII. 114. 69. — Amboina.

Ophyra Rob. D.

Myod. 316 (1830).

O. nigra Wied. Auss. Zweifl. II. 432. 22 (*Anthomyia*); v. d. Wulp, Tijdschr. v. Entom. XXIII. 177. 36; id. Dipt. Sum. exp. 48. 1. — China, Maleyan archipelago.

Syn. *Anthomyia gracilis* Wied. Auss. Zweifl. II. 432. 23.

- *Ophyra riparia* Dol. Nat. Tijdschr. Ned. Ind. XVII. 115. 70; Walk. Proc. Linn. Soc. V. 160. 55.

- **indicata** Walk. Dipt. Saund. 362. — East India.
- **aliena** Walk. l. c. 363. — East India.
- **congressa** Walk. Trans. Entom. Soc. n. ser. V. 317. — Hindostan.
- **reducta** Walk. Proc. Linn. Soc. V. 161. 56. — Amboina.

Limnophora Rob. D.

Myod. 517 (1830).

L. bengalensis Rob. D. Myod. 518. 1. — Bengal.

- **Macei** Rob. D. l. c. 519. 5. — Bengal.

Diplogaster Big.

Ann. Soc. Ent. de France, 6. VI, Bull. XIII (1886).

D. nigricauda Big. l. c. XIV. — Ceylon.

Hydrophoria Rob. D.

Myod. 509 (1830).

H. cincta Big. Ann. Soc. Ent. de France, 1885. 276. 5. — Ternate.

Azelia Rob. D.

Myod. 592 (1830).

A. **biseriata** Walk. Proc. Linn. Soc. VI. 11. 36 (*Atomogaster*). — Gilolo.
- **triseriata** Walk. l. c. VI. 11. 37 (*Atomogaster*). — Gilolo.

Anthomyia Meig.

Illig. Magaz. II. 281 (1803).

A. **Tonitrui** Wied. Anal. ent. 52. 115; id. Auss. Zweifl. II. 429. 16. — East India.
- **bina** Wied. Auss. Zweifl. II. 426. 9. — China.
- **quadrata** Wied. l. c. II. 428. 14. — Java.
- **bibax** Wied. l. c. II. 431. 20. — China.
- **calens** Wied. l. c. II. 431. 21. — Sumatra.
- **flexa** Wied. l. c. II. 434. 28. — Tranquebar.
- **metallica** Wied. l. c. II. 435. 30. — East India.
- **trina** Wied. l. c. II. 657. 19. — Macao.
- **exigua** Wied. l. c. II. 658. 20. — China.
- **concana** Walk. List Dipt. Brit. Mus. IV. 934. — China.
- **Peroe** Walk. l. c. IV. 939. — Madras.
- **illocata** Walk. Proc. Linn. Soc. I. 129. 131. — Borneo.
- **procellaria** Walk. l. c. III. 108. 109; id. IV. 141. 151. — Celebes, Aroe.
- **albicornis** Walk. l. c. VII. 216; Ost. Sack. Ann. Mus. Gen. XVI. 451. — Mysol, New Guinea.
- **manillensis** Frauenf. Verh. Zool. bot. Ges. XVII. 149. — Manilla.
- **lobalis** Thoms. Dipt. Eugen. Resa, 551. 185. — China.
- **lenticeps** Thoms. l. c. 553. 190. — China.
- **bisetosa** Thoms. l. c. 555. 196. — China.
- **peshawarensis** Big. Indian Mus. Notes, III. 34. — Brit. India.

This species is parasitical, living on the eggs of locusts.

Homalomyia Bouché.

Naturgesch. Ins. I. 83 (1834).

H. **canicularis** Linn. Fn. Suec. 1841; Fabr. Spec. Ins. II. 443. 38; id. Ent. Syst. IV. 329. 70; id. Syst. Antl. 303. 97; Fall. Musc.

69. 72 (*Musca*); Meig. Syst. Beschr. V. 143. 104 (*Anthomyia*); Rob. D. Myod. 568. 1 (*Philintha*); Macq. Suit. à Buff. II. 384. 5 (*Anthomyia*); Zett. Ins. lapp. 681. 86 (*Anthomyia*); id. Dipt. Scand. IV. 1573. 188 (*Aricia*); Schin. Fn. austr. I. 654; id. Dipt. Nov. Reise, 298. 9. — Europe, Madera, St. Paul, Nicobar islands.

Lispe Latr.

Préc. car. gén. Ins. 169 (1796).

L. glabra Wied. Anal. ent. 50. 107; id. Auss. Zweifl. II. 442. 1. — East India.

- **orientalis** Wied. Anal. ent. 51. 108; id. Auss. Zweifl. II. 444. 4. — East India.
- **assimilis** Wied. Anal. ent. 51. 109; id. Auss. Zweifl. II. 444. 5. — East India.
- **dilatata** Wied. Auss. Zweifl. II. 443. 2; Macq. Suit. à Buff. II. 315. 9. — East India.
- **bimaculata** Walk. Proc. Linn. Soc. IV. 141. 152. — Macassar.
- **sinensis** Schin. Dipt. Nov. Reise, 296. 5. — China.
- **nicobarensis** Schin. l. c. 297. 6. — Nicobar islands.
- **tetrastigma** Schin. l. c. 297. 8. — Ceylon.
- **grandis** Thoms. Dipt. Eugen. Resa, 561. 211. — Manilla.
- **vittipennis** Thoms. l. c. 561. 212. — China.
- **hyalinipennis** Thoms. l. c. 562. 214. — China.

Caricea Rob. D.

Myod. 530 (1830).

C. leptosoma Rond. Ann. Mus. Gen. VII. 429. — Borneo.

Coenosia Meig.

Syst. Beschr. V. 210 (1826).

C. torrida Wied. Auss. Zweifl. II. 437. 1. — China.

- **macularis** Wied. l. c. II. 438. 2; Walk. Proc. Linn. Soc. I. 129. 132; Thoms. Dipt. Eug. Resa, 559. 203. — China, Hindostan, Borneo.
- **grata** Wied. Auss. Zweifl. II. 438. 3. — China.
- **pumila** Wied. l. c. II. 439. 5. — East India.

C. **marginata** Wied. Auss. Zweifl. II. 440. 6. — China.
- **laeta** Wied. l. c. II. 440. 7. — East India.
- **leucospila** Wied. l. c. II. 441. 8. — East India.
- **pulla** Wied. l. c. II. 441. 9. — Tranquebar.
- **punctipennis** Macq. Dipt. exot. supp. 4. 270. 3. — Java.
- **insurgens** Walk. Proc. Linn. Soc. I. 129. 133. — Borneo.
- **luteicornis** Walk. l. c. III. 108. 110 and IV. 141. 153. — Aroe.
- **signata** Walk. l. c. IV. 142. 154. — Macassar.
- **respondens** Walk. l. c. IV. 142. 155. — Macassar.
- **liturata** Walk. l. c. VII. 218. 75. — Mysol.
- **pseudomollicula** Franenf. Verh. Zool. bot. Ges. XVII. 425. — Ceylon.
- **picicrus** Thoms. Dipt. Eug. Resa, 558. 202. — Manilla.
- **boops** Thoms. l. c. 559. 205. — China.
- **compressiventris** Thoms. l. c. 559. 206. — Manilla.
- **excisa** Thoms. l. c. 560. 208. — Isl. Ross.
- **falcata** Thoms. l. c. 560. 209. — China.
- **simplex** Thoms. l. c. 560. 210; v. d. Wulp, Dipt. Sum. exp. 48. 1. — China, Sumatra.
- **modesta** v. d. Wulp, Dipt. Sum. exp. 48. 2. — Sumatra.
- **submaculata** v. d. Wulp, Tijdschr. v. Ent. XXXIV. 208. — Java.
- **ferruginea** v. d. Wulp, l. c. 209. — Java.

Atherigona Rond.

Dipt. Ital. Prodr. I. 97 (1856).

A. **orientalis** Schin. Dipt. Nov. Reise, 295. 2. — Nicobar islands.

CORDYLURINAE.

Cordylura Fall.

Spec. entom. nov. dipteror. disponendi meth. exhib. (1810).

C. **bisignata** Walk. Proc. Linn. Soc. IV. 142. 157. — Macassar.

HELOMYZINAE.

Helomyza Fall.

Heterom. 3 (1820).

H. **circumfusa** Wied. Auss. Zweifl. II. 588. 4. — Sumatra.

Helomyza maura Walk. Dipt. Saund. 406. — East India.
- **interenns** Walk. Proc. Linn. Soc. I. 28. 96. — Malacca.
- **exenns** Walk. l. c. I. 29. 97. — Mount Ophir.
- **fuscicostata** Walk. l. c. I. 129. 135. — Borneo.
- **aequata** Walk. l. c. I. 130. 136. — Borneo.
- **limbata** Walk. l. c. I. 130. 137. — Borneo.
- **provicta** Walk. l. c. I. 130. 138. — Borneo.
- **invicta** Walk. l. c. I. 130. 139. — Borneo.
- **picipes** Walk. l. c. III. 109. 113. — Aroe.
- **atripennis** Walk. l. c. III. 109. 114; id. VII. 218. 77. — Aroe, Mysol.
- **restituta** Walk. l. c. III. 109. 115. — Aroe.
- **observans** Walk. l. c. IV. 143. 158; id. VII. 218. 78. — Macassar, Mysol.
- **tripunctifera** Walk. l. c. IV. 143. 159. — Macassar.
- **copiosa** Walk. l. c. IV. 143. 160. — Macassar.
- **nivistriga** Walk. l. c. V. 246. 57. — New Guinea.
- **scutellaris** Walk. l. c. V. 290. 77. — Batjan.
- **interventa** Walk. l. c. VI. 11. 38. — Gilolo.
- **meritoria** Walk. l. c. VII. 218. 79. — Mysol.
- **fissifera** Walk. l. c. VII. 219. 80. — Mysol.
- **optatura** Walk. l. c. VIII. 116. 40. — New Guinea.

  Seems to be a *Trypeta*: see Ost. Sack. Ann. Mus. Gen. XVI. 459.
- **ortalioides** Walk. Proc. Linn. Soc. VIII. 116. 41. — New Guinea.
- **stelliplena** Walk. l. c. VIII. 117. 42. — New Guinea.

Heteromyza Fall.

Heterom. 1 (1820).

H. orientalis Macq. Dipt. exot. II. 3. 262. 1. — Java.

Xarnuta Walk.

Proc. Linn. Soc. I. 28 (1857).

X. leucotelus Walk Proc. Linn. Soc. I. 28. 95. pl. 1 f. 4; id. III. 108. 112; id IV. 142. 116; id. V. 291. 78; id. VII. 227. 26. — Singapore, Celebes, Batjan, Aroe, Waigoe.

SCIOMYZINAE.

Dryomyza Fall.

Scatomyz. 15 (1820).

Dr. formosa Wied. Auss. Zweifl. II. 447 (*Scatophaga*); Ost. Sack. Wien. Ent. Zeitschr. I. 20. — East India, Japan.

Syn. *Dr. maculipennis* Macq. Dipt exot. supp. 4. 273. 1.

\- *Dr. gigas* Voll. Versl. meded. K. ak. wetensch. XV. 18. 12. f. 7.

\- **semicyanea** Walk. Proc. Linn. Soc. III. 109. 116; id. V. 290. 76; id. VI. 12. 39; id. VII. 227. 25. — Batjan, Aroe, Gilolo, Waigoe.

Sciomyza Fall.

Sciomyz. 11 (1820).

Sc. orientalis Wied. Auss. Zweifl. II. 575. 2; Walk. Proc. Linn. Soc. I. 129. 134 (*Helomyza*); v. d. Wulp, Dipt. Sum. exp. 49. 1. — Java, Sumatra, Borneo.

\- **repleta** Walk. Dipt. Saund. 399. — East India.

\- **terminalis** Walk. Trans. Ent. Soc. 2. ser. IV. 219. — Hindostan.

\- **replana** Walk. Proc. Linn. Soc. IV. 144. 161. — Macassar.

\- **leucomelana** Walk. l. c. IV. 144. 162; id. VI. 12. 40; id. VII. 219. 81. — Macassar, Gilolo, Mysol.

\- **reticulata** Thoms. Dipt. Eugen. Resa, 570. 233. — China.

\- **propinqua** Thoms. l. c. 570. 234. — China.

Amblada Walk.

Proc. Linn. Soc. IV. 145 (1860).

A. atomaria Walk. Proc. Linn. Soc. IV. 145. 163. — Macassar.

Tetanocera Latr.

Gen. Crust. et Insect. IV. 350 (1809).

T. discalis Walk. Trans. Ent. Soc. n. scr. V. 321. — Burmah.

Sepedon Latr.

Hist. nat. Crust. et Ins. XIV. 305 (1804).

S. ferruginosus Wied. Anal. ent. 56. 137; id. Auss. Zweifl. II. 577. 1. — East India.

- **plumbellus** Wied. Auss. Zweifl. II. 577. 2; v. Röder, Entom. Nachr. XIX. 235. 23. — China, Ceylon.
- **aenescens** Wied. Auss. Zweifl. II. 579. 5. — China.
- **javanensis** Rob. D. Myod. 677. 2; Macq. Suit. à Buff. II. 363. 2; Walk. Proc. Linn. Soc. IV. 145. 164; Ost. Sack. Ann. Mus. Gen. XVI. 451; id. Berl. Ent. Zeitschr. XXVI. 193. — Java, Sumatra, Celebes, Philippines.

  Syn. *S. javana* Macq. Dipt. exot. II. 3. 177. 2. pl. 24 f. 2; id. supp. 3. 59.
- **Crishna** Walk. List Dipt. Brit. Mus. IV. 1079. — Nepaul.
- **costalis** Walk. Proc. Linn. Soc. III. 110. 117. — Aroe.
- **costalis** Walk. l. c. IV. 291. 79. — Batjan.

  Nomen bis lectum.

CALOBATINAE.

Nerius Fabr.

Syst. Antl. 264 (1805).

N. fuscus Wied. Anal. ent. 15. 1; id. Auss. Zweifl. II. 550. 2. pl. x f. 2; Rond. Ann. Mus. Gen. VII. 441; Ost. Sack Berl. Entom. Zeitschr. XXVI. 208. — Java, Sumatra, Celebes, Borneo, Philippines.

  Syn. *N. fuscipennis* Macq. Dipt. exot. II. 3. 241. 1. pl. 32 f. 5; Walk. Proc. Linn. Soc. I. 38. 122 and 135. 167; id. IV. 164. 215; id. V. 269. 23.

  - *N. phalangiuus* Dol. Nat. Tijdschr. Ned. Ind. XIV. 417. 2; Ost. Sack. Ann. Mus. Gen. XVI. 451.
- **lineolatus** Wied. Auss. Zweifl. II. 552. 71. — Java.

  Syn. *N. striatus* Dol. Nat. Tijdschr. Ned. Ind. X. 411. 34. pl. 2 f. 3.
- **duplicatus** Wied. Auss. Zweifl. II. 553. 8; Walk. Proc. Linn. Soc. III. 125. 159; id. V. 165. 71, 254. 77 and 299. 101; id. VI. 17. 58; Ost. Sack. Berl. Entom. Zeitschr. XXVI. 208. — Java, Gilolo, Philippines, Batjan, Aroe.

N. **indicus** Rob. D. Myod. 737. 4. — East India.

- **cyaneus** Guér. Voyage de la Coquille, Zool. II. 2. 301. pl. 21 f. 11. — Dorei, New Guinea.
- **rubescens** Macq. Dipt. exot. II. 3. 242. 2. — Bengal.
- **annulipes** Dol. Nat. Tijdschr. Ned. Ind. XIV. 417. 3. — Amboina.
- **tibialis** Dol. l. c. XIV. 418. 4. pl. 3 f. 4. — Amboina.
- **mantoides** Walk. Proc. Linn. Soc. V. 254. 77; Ost. Sack. Ann. Mus. Gen. XVI. 552. — Batjan.
- **inermis** Schin. Dipt. Nov. Reise, 248. 50; Ost. Sack. Ann. Mus. Gen. XVI. 452. — Nicobar isl., Celebes, Aroe.

Telostylus Big.

Rev. Magaz. Zool. 1859. 307.

T. **binotatus** Big. Rev. Magaz. Zool. 1859. 307. — Celebes, Batjan.
Syn. *Coenurgia remipes* Walk. Proc. Linn. Soc. IV. 164. 214; id. V. 270. 24 (see: Big. Ann. Soc. Ent. France, 1881. p. 374, and Ost. Sack. Berl. Ent. Zeitschr. XXVI. 197).

- **maccus** Ost. Sack. Berl. Entom. Zeitschr. XXVI. 207. — Philippines.

Macrotoma de Laporte.

Ann. Scienc. natur. XXV. 457 (1832).

M. **Pelleterii** de Laporte, l. c. pl. x A. — Cochinchina.
Compare about the genus *Macrotoma*: Ost. Sack. Berl. Ent. Zeitschr. XXVI, p. 200, the foot-note.

Paranerius Bigot.

Ann. Soc. Ent. de France, 6. VI. 369 (1886).

P. **Mikii** Big. l. c. 370. — Batjan.

Calobata Meig.

Illig. Magaz. II. 276 (1803).

C. **albitarsis** Wied. Zool. Magaz. III. 19. 26; id. Auss. Zweifl. II. 544. 22; Walk. Proc. Linn. Soc. III. 124. 153; v. d. Wulp, Tijdschr. v. Entom. XXIII. 192. 51. — Java, Aroe.

Calobata leucopeza Wied. Anal. ent. 41. 73; id. Auss. Zweifl. II. 539. 11. — East India.

- **splendens** Wied. Auss. Zweifl. II. 539. 12; Schin. Dipt. Nov. Reise, 251. 60. — Ceylon.
- **vidua** Wied. Auss. Zweifl. II. 540. 15. — Tranquebar.
- **albimana** Macq. Dipt. exot. II. 3. 245. 3. pl. 33 f. 3. — According to Macquart this species is perhaps identical with *C. albitarsis* Wied. and seems to occur in different regions, as he saw specimens from Port Jackson, Cuba and North America, and also from Java.

caeruleifrons Macq. Dipt. exot. II. 3. 246. 5. pl. 33 f. 2; v. d. Wulp, Tijdschr. v. Entom. XXIII. 192. 52; id. Dipt. Sum. exp. 53. 1. — Java, Sumatra.

- **brevicellulata** Macq. Dipt. exot. II. 3. 246. 6. — Port Jackson; also a specimen from Bengal.
- **rufipes** Macq. Dipt. exot. supp. 4. 298. 18. — Aroe.
- **Abana** Walk. List Dipt. Brit. Mus. IV. 1054; id. Proc. Linn. Soc. III. 124. 155. — Aroe.
- **basalis** Walk. Dipt. Saund. 391. — East India.
- **contracta** Walk. l. c. 395. — East India.
- **cyanescens** Walk. Trans. Ent. Soc. 2. ser. IV. 61. — Burmah.
- **cyanescens** Walk. l. c. n. ser. V. 327. — Burmah.

  Nomen bis lectum.
- **confinis** Walk. Proc. Linn. Soc. I. 37. 119. — Singapore.
- **immixta** Walk. l. c. I. 37. 120. — Malacca.
- **cedens** Walk. l. c. I. 135. 164. — Borneo.
- **sepsoides** Walk. l. c. III. 124. 156. — Aroe.
- **resoluta** Walk. l. c. IV. 161. 205. — Macassar.
- **impingens** Walk. l. c. IV. 161. 206; id. V. 165. 69; id. VI. 17. 54. — Macassar, Amboina, Gilolo.
- **bifasciata** Walk. l. c. IV. 162. 207. — Macassar.
- **contraria** Walk. l. c. V. 253. 74. — New Guinea.
- **plagiata** Walk. l. c. V. 253. 75 — New Guinea.
- **stabilis** Walk. l. c. V. 298. 97. — Batjan.
- **coarctata** Walk. l. c. V. 298. 98. — Batjan.
- **gutticollis** Walk. l. c. VI. 17. 55. — Gilolo.
- **diffundens** Walk. l. c. VI. 17. 56; id. VII. 221. 91. — Gilolo, Mysol.
- **contingens** Walk. l. c. VII. 221. 92. — Mysol.
- **immiscens** Walk. l. c. VII. 221. 93. — Mysol.

C. **tipuloides** Walk. Proc. Linn. Soc. VIII. 125. 61; Ost. Sack. Ann. Mus. Gen. XVI. 454. – New Guinea.

- **stylophora** Schin. Dipt. Nov. Reise, 252. 63. — Nicobar islands.
- **macropus** Thoms. Dipt. Eugen. Resa, 589. 272. — Isl. Ross.
- **tuberculata** v. d. Wulp, Dipt. Sum. exp. 54. 3. pl. 3 f. 14. — Sumatra.
- **territa** Ost. Sack. Berl. Entom. Zeitschr. XXVI. 203. — Philippines.
- **birmanensis** Big. Ann. Soc. Ent. de France, 1886. 382 (*Mimegralla*). — Burmah.

Taeniaptera Macq.

Suit. à Buff. II. 491 (1835).

T. **albimana** Dol. Nat. Tijdschr. Ned. Ind. X. 413. 41. pl. x f. 4; Ost. Sack. Ann. Mus. Gen. XVI. 454 (*Calobata*). — Java.

- **nigripes** v. d. Wulp, Dipt. Sum. exp. 54. 2. pl. 3 f. 13 (*Calobata*); Ost. Sack. Berl. Ent. Zeitschr. XXVI. 203. — Sumatra, Philippines.
- **prudens** Ost. Sack. Ann. Mus. Gen. XVI. 455 (*Calobata*). — Sumatra.
- **morbida** Ost. Sack. l. c. XVI. 457 (*Calobata*). — Java, Sumatra.
- **eclipsis** Ost. Sack. Berl. Ent. Zeitschr. XXVI. 201 (foot-note). — Ternate, Philippines.

  Syn. *Calobata lunaria* Ost. Sack. Ann. Mus. Gen. XVI. 456.
- **chrysopleura** Ost. Sack. Berl. Ent. Zeitschr. XXVI. 201. — Philippines.
- **galbula** Ost. Sack. l. c. XXVI. 202. — Philippines.
- **monedula** Ost. Sack. l. c. XXVI. 203. — Philippines.
- **cinereipennis** Big. Ann. Soc. Ent. de France, 1886. 376. 1. — Burmah.
- **amaena** Big. l. c. 376. 2. — Burmah.

Grammicomyia Big.

Rev. et Mag. de Zool. 1859. 314.

Gr. **testacea** Big. Rev. et Mag. de Zool. 1859. 314; Ost. Sack. Berl. Ent. Zeitschr. XXVI. 196. — Ceylon.

Nestima Ost. Sack.

Ann. Mus. Gen. XVI. 457 (1881).

N. **polita** Ost. Sack. Ann. Mus. Gen. XVI. 458. — New Guinea.

Eurybata Ost. Sack.

Berl. Ent. Zeitschr. XXVI. 204 (1882).

E. **hexapla** Ost. Sack. Berl. Ent. Zeitschr. XXVI. 206. — Philippines.
- **semilauta** Ost. Sack. l. c. XXVI. 207. — Philippines.
- **flavifrons** Big. Ann. Soc. Ent. de France, 1886. 382. — New Guinea.

Cardiacephala Macq.

Dipt. exot. II. 3. 242 (1843).

C. **longicollis** Walk. Proc. Linn. Soc. I. 135. 165. — Borneo.
- **debilis** Walk. l. c. III. 124. 157; id. VII. 221. 94. — Aroe, Mysol.
- **varipes** Walk. l. c. IV. 162. 208. — Macassar.

Micropeza Meig.

Illig. Magaz. II. 276 (1803).

M. **fragilis** Walk. Proc. Linn. Soc. I. 37. 121 and 135. 166; id. IV. 164. 213; id. V. 165. 70 and 299. 99; id. VII. 222. 95. — Singapore, Celebes, Borneo, Mysol, Batjan.
- **tenuis** Dol. Nat. Tijdschr. Ned. Ind. XVII. 127. 84; Ost. Sack. Ann. Mus. Gen. XVI. 451. — Amboina, New Guinea.
- **forficuloides** Walk. Proc. Linn. Soc. V. 253. 76. — New Guinea.
- **prolixa** Walk. l. c. V. 299. 100 and 301. 6; id. VII. 230. 38. — Batjan, Waigoe.
- **perclusa** Walk. l. c. VII. 230. 39. — Waigoe.

Anaeropsis Big.

Ann. Soc. Ent. France, 4. VI. 201 (1866).

A. **guttipennis** Walk. Proc. Linn. Soc. V. 269. 22 (*Phytalmia*); Ost. Sack. Ann. Mus. Gen. XVIII. 16; id Berl. Ent. Zeitschr. XXVI. 198. — Tondano, Philippines, Waigoe.

Syn. *A. Lorquini* Big. Ann. Soc. Ent France 4. VI, 201.

Nothybus Rond.

Ann. Mus. Gen. VII. 439 (1875).

N. longithorax Rond. Ann. Mus. Gen. VII. 439; Ost. Sack. Berl. Ent. Zeitschr. XXVI. 195. — Borneo.

Tanypoda Rond.

Dipt. Ital. Prodr. I. 116 (1856).

T. strenua Walk. Proc. Linn. Soc. I. 135. 163 (*Calobata*); Rond. Ann. Mus. Gen. VII. 440. — Borneo.
- **caligata** Rond. Ann. Mus. Gen. VII. 440. — Borneo.
- **luteilabris** Rond. l. c. VII. 441. — Borneo.
- **cubitalis** Rond. l. c. VII. 441. — Borneo.

Seraca Walk.

Proc. Linn. Soc. IV. 165 (1860).

S. signifera Walk. Proc. Linn. Soc. IV. 165. 216. — Macassar.
- **signata** Walk. l. c. IV. 165. 217. — Macassar.
- **abbreviata** Walk. l. c. VIII. 115. 43. — New Guinea.

Gobrya Walk.

Proc. Linn. Soc. IV. 166 (1860).

G. bacchoides Walk. Proc. Linn. Soc. IV. 167. 221. — Macassar.

SEPSINAE.

Sepsis Fall.

Ortal. 20 (1820).

S. nitens Wied. Anal. ent. 57. 129; id. Auss. Zweifl. II. 467. 3. — East India.
- **indica** Wied. Auss. Zweifl. II. 467. 1. — Origin not indicated, but on account of the name probably East India.
- **lateralis** Wied. l. c. II. 468. 5. — China.
- **complicata** Wied. l. c. II. 468. 6. — China.
- **bicolor** Wied. l. c. II. 468. 7. — China.

Sepsis linearis Walk. List Dipt. Brit. Mus. IV. 998. — Philippines.
- **basifera** Walk. Proc. Linn. Soc. III. 124. 152; id. V. 165. 68. — Amboina, Aroe.
- **testacea** Walk. l. c. IV. 163. 209. — Macassar.
- **frontalis** Walk. l. c. IV. 163. 210. — Macassar.
- **fascipes** Walk. l. c. IV. 163. 211. — Macassar.
- **revocans** Walk. l. c. IV. 163. 212; Ost. Sack. Berl. Ent. Zeitschr. XXVI. 238. — Macassar, Philippines.
- **vidnata** Thoms. Dipt. Eugen. Resa, 586. 267. — China.
- **monostigma** Thoms. l. c. 587. 268. — China.
- **trivittata** Big. Ann. Soc. Ent. de France, 1886. 388. — Ceylon.

Nemopoda Rob. D.

Myod. 743 (1830).

N. retronotata Big. Ann. Soc. Ent. de France, 1886. 391. 7. — Celebes.

Piophila Fall.

Heterom. 8 (1820).

P. contecta Walk. Proc. Linn. Soc. IV. 167. 223. — Macassar.
- **disjuncta** Walk. l. c. VIII. 127. 67 (*Piophila?*). — New Guinea.
- **ruficornis** v. d. Wulp, Dipt. Sum. exp. 49. 1. — Sumatra.

Cephalia Meig.

Syst. Beschr. V. 293 (1826).

C. bicolor Big. Ann. Soc. Ent. de France, 1886. 385. 2. — Ceylon.

Megamerina Rond.

Dipt. Ital. Prodr. IV. 10 (1861).

M. annulifera Big. Ann. Soc. Ent. de France, 1886. 383. 1. — Celebes.

DIOPSINAE.

Diopsis Linn.

Diss. Upsal. (1775).

D. Dalmanni Wied. Auss. Zweifl. II. 560. 4. pl. 10*a* f. 4; Westw. Trans. Linn. Soc. XVII. 309. 19. pl. 9 f. 17 and 547. pl. 28 f. 8; Macq. Dipt. exot. supp. 3. 65. — Java.

D. **confusa** Wied. Auss. Zweifl. II. 563. 7; Westw. Trans. Linn. Soc. XVII. 308. 18. — Angola, Congo; also Sumatra.

Syn. *D. ichneumonea* Fabr. Syst. Antl. 201. 1; Dalman, Anal. ent. 3. 4 (nec *ichneumonea* L.).

- **circularis** Macq. Suit. à Buff. II. 486. 4; id. Dipt. exot. II. 3. 239. 4. pl. 32 f. 1. — Java.
- **indica** Westw. Trans. Linn. Soc. XVII. 299. 7. pl. 9 f. 6; Macq. Dipt. exot. supp. 3. 66. — Java.
- **Trentepohlii** Westw. Trans. Linn. Soc. XVII. 546. 25. pl. 28 f. 6. — East India.
- **subfasciata** Macq. Dipt. exot. II. 3. 238. 3. pl. 32 f. 3. — Java.
- **Westwoodii** (de Haan) Westw. Cabinet Orient. Entom. 37. pl. 18 f. 1. — Java.
- **subnotata** Westw. l. c. 37. pl. 18 f. 2; Walk. Proc. Linn. Soc. IV. 161. 203; id. V. 263. 18; Ost. Sack. Ann. Mus. Gen. XVI. 490 and XVIII. 20; id. Berl. Ent. Zeitschr. XXVI. 237. — Celebes, Philippines.

Syn. *D. argentifera* Big. Ann. Soc. Ent. de France, 5. IV. 112. 3.

- **attenuata** Dol. Nat. Tijdschr. Ned. Ind. X. 413. 39. pl. 8 f. 2; Ost. Sack. Ann. Mus. Gen. XVI. 490. — Java, Sumatra, Borneo.

Syn. *D. latimana* Rond. Ann. Mus. Gen. VII. 445.

- - *lativola* Rond. l. c. VII. 446.

- **apicalis** Dol. Nat. Tijdschr. Ned. Ind. X. 413. 40. pl. 9 f. 3. — Java.

Syn. *D. graminicola* Dol. l. c. XIV. 417.

- **quinqueguttata** Walk. Proc. Linn. Soc. I. 36. 117. pl. 2 f. 7; id. I. 134. 161. — Mount Ophir, Borneo.
- **quadriguttata** Walk. l. c. I. 37. 118. pl. 2 f. 6; id. I. 134. 160. — Malacca, Borneo.
- **discrepans** Walk. l. c. I. 134. 162. — Borneo.
- **detrahens** Walk. l. c. IV. 161. 204. — Macassar.
- **villosa** Big. Ann. Soc. Ent. de France, 5. IV. 114. 5. — Borneo.
- **ferruginea** v. Röder, Entom. Nachr. XIX. 235. 24. — Ceylon.

Teleopsis Rond.

Ann. Mus. Gen. VII. 443 (1875).

T. **Sykesii** Westw. Trans. Linn. Soc. XVII. 310. 20. pl. 9 f. 18, 19 (*Diopsis*); Rond. Ann Mus. Gen. VII. 442. — Borneo.

Teleopsis fallax Big. Ann. Soc. Ent. de France, 5. IV. 111. 2 (*Diopsis*). — Borneo.

- **Belzebuth** Big. l. c. 5. IV. 113. 4 (*Diopsis*). — Borneo.
- **breviscopium** Rond. Ann. Mus. Gen. VII. 443. — Borneo.
- **longiscopium** Rond. l. c. VII. 444. — Borneo.
- **fulviventris** Big. Ann. Soc. Ent. de France, 5. X. 94. — India.
- **motatrix** Ost. Sack. Berl. Entom. Zeitschr. XXVI. 236. f. 12. — Philippines.
- **selecta** Ost. Sack. l. c. XXVI. 236. f. 13. — Philippines.

Sphyracephala Say.

Amer. Entom. III. pl. 52 (1828).

S. Hearseyana Westw. Trans. Ent. Soc. 1844; id. Cab. oriental Entom. 38. pl. 18 f. 4; Macq. Dipt. exot. supp. 4. 297. 5. — Bengal.

- **cothurnata** Big. Ann. Soc. Ent. de France, 5. IV. 115. 6 (*Diopsis*); Ost. Sack. Berl. Ent. Zeitschr. XXVI. 234. — Celebes, Philippines.

ORTALINAE.

Pyrgota Wied.

Auss. Zweifl. II. 580 (1830).

P. pictipennis Walk. List Dipt. Brit. Mus. IV. 1162 (*Oxycephala*?). — East India.

- **alienata** Walk. Proc. Linn. Soc. VI. 22. 12 (*Oxycephala*). — Ceram.

Campylocera Macq.

Dipt. exot. II. 3. 220 (1843).

C. myopina v. d. Wulp, Tijdschr. v. Entom. XXIII. 189. 47. pl. 11 f. 2; id. XXVIII. 219. 5. — Java.

- **robusta** v. d. Wulp, l. c. XXIII. 190. 48; id. XXVIII. 218. 3. — Java, Sumatra.

fuscipes v. d. Wulp, l. c. XXVIII. 216. 1. pl. 7 f. 1, 2. — Java.

- **longicornis** v. d. Wulp, l. c. XXVIII. 218. 4. pl. 7 f. 3, 4. — Java.

Euphya v. d. Wulp.

Tijdschr. v. Entom. XXVIII. 221 (1885).

E. tripunctata Dol. Nat. Tijdschr. Ned. Ind. XIV. 415. pl. VIII f. 5 (*Tetanocera*); v. d. Wulp, Tijdschr. v. Entom. XXVIII. 222 pl. 7 f. 6, 7. — Java, Amboina.

Prosyrogaster Rond.

Ann. Mus. Gen. VII. 438 (1875).

Pr. chelionotus Rond. Ann. Mus. Gen. VII. 438. — Borneo.

Loxoneura Macq.

Suit. à Buff. II. 446 (1835).

L. decora Fabr. Syst. Antl. 327. 6 (*Dictya*); Wied. Auss. Zweifl. II. 568. 1 (*Platystoma*); Macq. Suit. à Buff. II. 446. 1; id. Dipt. exot. II. 3. 199. pl. 26 f. 7; v. d. Wulp, Tijdschr. v. Entom. XXIII. 178. 38. pl. 11 f. 1, 2; id. Dipt. Sum. exp. 49. 1. — Java, Sumatra, Nepaul.

Syn. *Tephritis violacea* Gray, in Griff. An. kingdom, II. pl. 128 f. 1.

\- *Zona pictipennis* Walk. List Dipt. Brit. Mus. IV. 807.

Euprosopia Macq.

Dipt. exot. supp. 2. 89 (1847).

E. fusifacies Walk. Proc. Linn. Soc. III. 113. 127 (*Platystoma*); Ost. Sack. Ann. Mus. Gen. XVI. 473 — Aroe, New Guinea.

\- **potens** Walk. Proc. Linn. Soc. VI. 12. 43 and 20. 13 (*Platystoma*); Ost. Sack. Ann. Mus. Gen. XVI. 472. — Ternate, Gilolo.

\- **tigrina** Ost. Sack. Ann. Mus. Gen. XVI. 473. — New Guinea.

Notopsila Ost. Sack.

Berl. Ent. Zeitschr. XXVI. 209 (1882).

N. Mohnikei Dol. Nat. Tijdschr. Ned. Ind. XVII. 116. 71 (*Pachycephala*). — Amboina.

\- **albifacies** Dol. l. c. XVII. 117. 72 (*Pachycephala*). — Amboina.

According to Osten Sacken (Berl. Ent. Zeitschr. XXVI. 210) this species is not a *Pachycephala* (*Notospila*), but probably belongs to *Euprosopia*.

Notopsila sexpunctata Ost. Sack. Berl. Ent. Zeitschr. XXVI. 210. — Philippines.

- **curta** Ost. Sack. l. c. XXVI. 210. — Philippines.

Platystoma Meig.

Illig. Magaz. II. 277 (1803).

The generic name *Platystoma* has been used by Klein, Moll. 1753 (see Scudder, Nomenclator Zool. II. p. 252).

Pl. orientalis Macq. Dipt. exot. II. 3. 200. pl. 27 f. 1. — East India.

- **rigida** Walk. Proc. Linn. Soc. I. 32. 108. — Singapore.
- **multivitta** Walk. l. c. III. 113. 128. — Aroe.
- **basalis** Walk. l. c. IV. 148. 175. — Macassar.
- **frontalis** Walk. l. c. V. 268. 20. — Tondano.
- **punctiplena** Walk. l. c. V. 268. 21; Ost. Sack. Ann. Mus. Gen. XVI. 471. — Malacca, Celebes, Java, Tondano.

  Syn. *Pl. stellata* Walk. Proc. Linn. Soc. I. 32. 109.

  - - *atomarium* Walk. l. c. IV. 148. 174.

  - - *parvula* Schin. Dipt. Nov. Reise, 286. 164.
- **producta** Walk. Proc. Linn. Soc. V. 293. 85. — Batjan.
- **pectoralis** Walk. l. c. VI. 13. 44. — Gilolo.
- **protensa** Walk. l. c. VII. 228. 30. — Waigoe.
- **tarsalis** Walk l. c. VII. 237. 37. — Ceram.
- **brevis** Walk. l. c. VIII. 120. 49. — New Guinea.
- **inscripta** Walk. l. c. VIII. 120. 50. — New Guinea.
- **devocata** Walk. l. c. VIII. 121. 51. — New Guinea.
- **diminutiva** Walk. l. c. VIII. 121. 52. — New Guinea.
- **impingens** Walk. l. c. VIII. 134. 9. — Salawatti.
- **irrorata** Thoms. Dipt. Eug. Resa, 577. 248. — Malacca.
- **superba** v. d. Wulp, Dipt. Sum. exp. 50. 1. pl. 3 f. 5. — Sumatra.

Scholastes Löw.

Mon. Dipt. N. Amer. III. 38 (1873).

S. cinctus Guér. Voy. d. l. Coquille, Zool. 299. pl. 21 f. 9 (*Platystoma*); Ost. Sack. Ann. Mus. Gen. XVI. 479; id. Berl. Ent. Zeitschr. XXVI. 208; v. d. Wulp, Tijdschr. v. Entom. XXVIII. 232. pl. 7 f. 14, 15. — In the whole Indian archipelago, Malacca, Port Jackson etc.

Syn. *Acinia faciestriata* Dol. Nat. Tijdschr. Ned. Ind. XIV. 416. 40. pl. 10 f. 7; Schin. Dipt. Nov. Reise, 284. 160 (*Lamprogaster*).

- *Lamprogaster transversa* Walk. Proc. Linn. Soc. I. 30. 103.

- - *marginifera* Walk. l. c. III. 111. 122; id. IV. 147. 172; id. V. 161. 58, 247. 60 and 292. 81; id. VII. 220. 85 and 237. 38.

- - *sexvittata* Walk. l. c. V. 261. 15.

S. guttata Walk. Proc. Linn. Soc. I. 31. 105 (*Lamprogaster*). — Singapore.

- **divisa** Walk. l. c. I. 131. 147 (*Lamprogaster*). — Borneo.

Lamprogaster Macq.

Dipt. exot. II. 3. 211 (1842).

L. flavipennis Macq. Dipt. exot. II. 3. 211. — Indian archipelago.

- **placida** Walk. List Dipt. Brit. Mus. IV. 802 (*Chromatomyia*). — Philippines.

- **lepida** Walk. Trans. Ent. Soc. n. ser. IV. 226; Ost. Sack. Ann. Mus. Gen. XVI. 472. — Celebes.

- **zonata** Walk. Proc. Linn. Soc. I. 30. 101 and 131. 144. — Singapore, Borneo.

- **glabra** Walk. l. c. I. 30. 102 and 131. 145 — Singapore, Borneo.

- **vittata** Walk. l. c. I. 31. 104. — Singapore.

- **truncatula** Walk. l. c. I. 31. 106. — Singapore.

- **basilutea** Walk. l. c. I. 131. 146. — Borneo.

- **punctata** Walk. l. c. I. 132. 148. — Borneo.

Probably not belonging to this genus.

- **guttata** Walk. l. c. I. 132. 149. — Borneo.

Nomen bis lectum, see: *L. guttata* Walk. (l. c. I. 31) which, however, is a *Scholastes*.

- **quadrilinea** Walk. l. c. III. 111. 121; v. d. Wulp, Tijdschr. v. Entom. XXVIII. 229. pl. 7 f. 9. — Aroe, Waigoe.

- **delectans** Walk. Proc. Linn. Soc. III. 111. 123. — Aroe.

- **scutellaris** Walk. l. c. III. 112. 124; id. VII. 220. 86. — Aroe, Mysol.

Lamprogaster celyphoides Walk. Proc. Linn. Soc. III. 112. 125. — Aroe.
- **tetyroides** Walk. l. c. III. 112. 126. — Aroe.
- **ventralis** Walk. l. c. III. 131. 34. — Key isl.
- **patula** Walk. l. c. V. 247. 61; v. d. Wulp, Tijdschr. v. Entom. XXVIII. 227. — Salawatti, New Guinea.

  Syn. *L. bispinosa* Walk. Proc. Linn. Soc. VIII. 118. 45.
- **costalis** Walk. Proc. Linn. Soc. V. 247. 62; Ost. Sack. Ann. Mus. Gen. XVI. 472. — New Guinea.
- **basalis** Walk. Proc. Linn. Soc. V. 248. 63. — New Guinea.
- **ventralis** Walk. l. c. V. 248. 64. — New Guinea.

  Nomen bis lectum.
- **luteipennis** Walk. l. c. V. 261. 14. — Celebes.
- **superna** Walk. l. c. VI. 12. 42. — Gilolo.
- **sepsoides** Walk. l. c. VII. 220. 87. — Mysol.
- **ochromyioides** Walk. l. c. VIII. 118. 46. — New Guinea.
- **Frauenfeldi** Schin. Dipt. Nov. Reise, 285. 161. — Java.
- **elongata** v. d. Wulp, Tijdschr. v. Entom. XXVIII. 228. — Morotai.
- **limbata** v. d. Wulp, l. c. XXVIII. 228. pl. 7 f. 8. — Waigoe.

  taeniata v. d. Wulp, l. c. XXVIII. 229. pl. 7 f. 10, 11. — Morotai.
- **trisignata** v. d. Wulp, l. c. XXVIII. 231. pl. 7 f. 13. — Andai.

Achias Fabr.

Syst. Antl. 247 (1805).

A. oculatus Fabr. Syst. Antl. 247. 1; Wied. Auss. Zweifl. II. 555. 1; Latr. Règne an. V. 517; Rob. D. Myod. 433. 1; Macq. Suit. à Buff. II. 260. 1. — Java.
- **ichneumoneus** Westw. Trans. Ent. Soc. V. 235. pl. 23 f. 8; Ost. Sack. Ann. Mus. Gen. XVI. 476. — East India.
- **longividens** Walk. Proc. Linn. Soc. III. 121. 147 (a figure of this species in Trans. Ent. Soc. n. ser. V. pl. 13 f. 4, 5). — Aroe.
- **latevidens** Walk. Proc. Linn. Soc. III. 121. 148; id. VII. 239. 36 (a figure of the head (♀) in Trans. Ent. Soc. n. ser. V. pl. 13 f. 6); Ost. Sack. Ann. Mus. Gen. XVI. 475. — Aroe, New Guinea.
- **amplividens** Walk. Proc. Linn. Soc. III. 122. 149 (figures of the ♀ in Trans. Ent. Soc. n. ser. V. pl. 13 f. 7); Ost. Sack. Ann. Mus. Gen. XVI. 477. — Aroe, New Guinea.

A. **brachyophthalma** Walk. Proc. Linn. Soc. VIII. 119. 47. — New Guinea.

- **venustula** Walk. l. c. VIII. 119. 48; Ost. Sack. Ann. Mus. Gen. XVI. 477. — New Guinea.

- **dacoides** Walk. Proc. Linn. Soc. VIII. 133; Ost. Sack. Ann. Mus. Gen. XVI. 477. — Salawatti, Dorei, Waigoe.

  Syn. *A. aspiciens* Walk. Proc. Linn. Soc. VII. 229. 37; id. VII. 289 (♂).

- **robusta** Big. Ann. Soc. Ent. de France, 5. X. 93 (*Zygotricha*); id. 6. I. 373; Ost. Sack. Ann. Mus. Gen. XVIII. 17. — New Guinea.

- **Albertisi** Ost. Sack. Ann. Mus. Gen. XVI. 473. — New Guinea.

Laglaisia Big.

Ann. Soc. Ent. France, 5. X. 92 (1880).

L. **caloptera** Big. Ann. Soc. Ent. France, 5. X. 92; Ost. Sack. Ann. Mus. Gen. XVIII. 15. — New Guinea.

Valonia Walk.

Proc. Linn. Soc. I. 34 (1857).

V. **complicata** Walk. Proc. Linn. Soc. I. 34. 112. pl. 1 f. 6. — Malacca.

Hemigaster Rond.

Ann. Mus. Gen. VII. 431 (1875).

The generic name *Hemigaster* has been used by Brullé in Hymenoptera, 1846, and by Lacordaire, in Coleoptera, 1866 (see Scudder, Nomenclator Zool. II. p. 144).

H. **albovittatus** Rond. Ann. Mus. Gen. VII. 431. — Borneo.

Elachigaster Rond.

Ann. Mus. Gen. VII. 432 (1875).

E. **albitarsis** Rond. Ann. Mus. Gen. VII. 432. — Borneo.

Ditomogaster Rond.

Ann. Mus. Gen. VII. 433 (1875).

D. **xanthomera** Rond. Ann. Mus. Gen. VII. 433. — Borneo.

Brea Walk.

Proc. Linn. Soc. III. 117 (1859).

Br. discalis Walk. Proc. Linn. Soc. III. 117. 137. — Aroe.

- **contraria** Walk. l. c. III. 117. 138. — Aroe.

Eurypalpus Macq.

Suit. à Buff. II. 443 (1835).

E. testaceus Macq. Suit. à Buff. II. 443. 1; id. Dipt. exot. II. 3. 203. pl. 26 f. 9. — Java.

Eniconeura Macq.

Dipt. exot. II. 3. 203 (1843).

The generic name *Eniconeura* must be changed, because Macquart had given it, three years before, to a genus in the family Bombylidae (see his Dipt. exot. II. 1. p. 110).

E. fenestralis Macq. Dipt. exot. II. 3. 204. pl. 27 f. 6. — East India.

Bigot said (Bull. Soc. Ent. de France, 1887 p. LX), that he received this species from West Africa, and therefore thinks that Macquart has been mistake about its origin.

Cleitamia Macq.

Suit. à Buff. II. 440 (1835).

Cl. Astrolabei Boisd. Voy. de l'Astrol. Ent. 668. pl. 12 f. 17 (*Ortalis*); Macq. Suit. à Buff. II. 440 pl. 19 f. 4; id. Dipt. exot. II. 3. 204. pl. 27 f. 7; v. d. Wulp, Tijdschr. v. Entom. XI. 118. 18. pl. 4 f. 12; Ost. Sack. Ann. Mus. Gen. XVI. 467. — New Guinea.

Syn. *Poticara triarcuata* Walk. Proc. Linn. Soc. V. 249. 65.

- **liturata** Ost. Sack. Ann. Mus. Gen. XVI. 468. — New Guinea.
- **amabilis** Ost. Sack. l. c. XVI. 469. — New Guinea.
- **rivellioides** Ost. Sack. l. c. XVI. 469. — New Guinea.

Lagarosia v. d. Wulp.

Tijdschr. v. Entom. XXXIV. 210 (1891).

L. lacteata v. d. Wulp, Tijdschr. v. Entom. XXXIV. 211. pl. 12 f. 13. — Java.

- **striatella** v. d. Wulp, l. c. 213. pl. 12 f. 14. — Java.

Rivellia Rob. D.

Myod. 729 (1830).

R. fusca Thoms. Dipt. Eug. Resa, 575. 245 (*Herina*); Ost. Sack. Berl. Ent. Zeitschr. XXVI. 211. — Manilla.

- **Persicae** Big. Ind. Mus. Notes, I. 122. — British India.

Stenopterina Macq.

Suit. à Buff. II. 453 (*Senopterina*). (1835).

St. aenea Wied. Zool. Magaz. III. 29. 44; id. Auss. Zweifl. II. 512. 2 (*Dacus*); Walk. Proc. Linn. Soc. I. 133. 153 (*Dacus*); Ost. Sack. Berl. Ent. Zeitschr. XXVI. 213. — Sumatra, Java, Borneo, Philippines.

Syn. *St. labialis* Rond. Ann. Mus. Gen. VII. 430.

- **calcarata** Macq. Dipt. exot. II. 3. 207. 1. pl. 28 f. 3 (*Herina*); Ost. Sack. Berl. Ent. Zeitschr. XXVI. 212. — East India, Philippines.
- **trivittata** Walk. List Dipt. Brit. Mus. IV. 1072. — Philippines.
- **chalybea** Dol. Nat. Tijdschr. Ned. Ind. XVII. 125. 84 (*Herina*); Ost. Sack. Ann. Mus. Gen. XVI. 466; id. Berl. Entom. Zeitschr. XXVI. 213. — Amboina, Celebes, Philippines.
- **obtrudens** Walk. Proc. Linn. Soc. III. 116. 135 (*Dacus*). — Aroe.
- **eques** Schin. Dipt. Nov. Reise, 288. 170; v. d. Wulp, Tijdschr. v. Entom. XXIII. 179. 39; Ost. Sack. Ann. Mus. Gen. XVI. 465. — Java, Amboina, Ternate, Manilla, Stuarts islands.

  Syn. *Senopterina aenea* Macq. Dipt. exot. supp. 3. 61. pl. 7 f. 5 (non 3), excl. syn. Wied.

  - *Michogaster bambusarum* Dol. Nat. Tijdschr. Ned. Ind. X. 413. 42. pl. 8 f. 3.
  - *Senopterina abrupta* Thoms. Dipt. Eugen. Resa, 578. 250.

Stenopterina bataviensis Schin. Dipt. Nov. Reise, 288. 171. — Java.
- **flavipes** Schin. l. c. 288. 172. — Singapore.
- **zonalis** Rond. Ann. Mus. Gen. VII. 430. — Borneo.
- **marginata** v. d. Wulp, Tijdschr. v. Entom. XXIII. 179. 40. pl. 10 f. 13. — Java.
- **didyma** Ost. Sack. Ann. Mus. Gen. VII. 465. — New Guinea.

Antineura Ost. Sack.

Bull. Soc. Ent. France, 1881. 134.

A. **stolata** Ost. Sack. Berl. Ent. Zeitschr. XXVI. 215. f. 3. — Philippines.
- **sericata** Ost. Sack. l. c. XXVI. 216. — Philippines.

Herina Rob. D.

Myod. 724 (1830).

H. **sinensis** Rob. D. Myod. 724. 2. — China.
- **limpidipennis** Dol. Nat. Tijdschr. Ned. Ind. XVII. 126. 85. — Amboina.
- **grandis** Dol. l. c. XVII. 126. 86. — Amboina.
- **nigrocostata** Dol. l. c. XVII. 126. 87. — Amboina.
- **cyaneiventris** v. d. Wulp, Dipt. Sum. exp. 51. 1. pl. 3 f. 6. — Sumatra.
- **fusca** Thoms. Dipt. Eugen. Resa, 575. 245. — Manilla.

Stylophora Rob. D.

Myod. 723 (1830).

St. **zonata** Rob. D. Myod. 723. — Coromandel.

Ortalis Fall.

Ortal. 18 (1820).

O. **Isara** Walk. List Dipt. Brit. Mus. IV. 994. — Bengal.
- **flavoscutellata** Dol. Nat. Tijdschr. Ned. Ind. XVII. 120. 76. — Amboina.
- **trifasciata** Dol. l. c. XVII. 121. 77. — Amboina.
- **prompta** Walk. Proc. Linn. Soc. III. 118. 140. — Aroe.

O. **complens** Walk. Proc. Linn. Soc. III. 118. 141. — Aroe.
- **decatomoides** Walk. l. c. IV. 157. 193. — Macassar.
- **vacillans** Walk. l. c. IV. 157. 194. — Macassar.
- **tarsalis** Walk. l. c. V. 296. 95. — Batjan.
- **obliqua** Walk. l. c. V. 297. 95*. — Batjan.
- **punctifascia** Walk. l. c. VI. 15. 50. — Gilolo.
- **aequifera** Walk. l. c. VI. 15. 51. — Gilolo.
- **concisivitta** Walk. l. c. VI. 16. 52. — Gilolo.
- **leucomera** Walk. l. c. VII. 219. 83. — Mysol.
- **contigua** Walk. l. c. VIII. 123. 57 — New Guinea.
- **semivitta** Walk. l. c. VIII. 124. 58. — New Guinea.
- **dispila** Thoms. Dipt. Eugen. Resa, 572. 238. — Isl. Ross.

Boisduvalia Rob. D.

Myod. 730 (1830).

B. **rutilans** Rob. D. Myod. 730. 1; Macq. Suit. à Buff. II. 437. 12 (*Ortalis*). — East India.

Philocompus Ost. Sack.

Bull. Soc. Ent. France, 1881. 134.

Ph. **cupidus** Ost. Sack. Berl. Ent. Zeitschr. XXVI. 217. f. 4. — Philippines.

Xenaspis Ost. Sack.

Bull. Soc. Ent. France, 1881. 134.

X. **polistes** Ost. Sack. Berl. Ent. Zeitschr. XXVI. 220. f. 5. — Philippines.

Zygaenula Dol.

Nat. Tijdschr. Ned. Ind. XVII. 117 (1858).

Z. **paradoxa** Dol. Nat. Tijdschr. Ned. Ind. XVII. 118. 73. — Amboina.
Syn. *Gorgopis bucephala* Gerst. Stett. Ent. Zeit. XXI. 184. 1. pl. 11 f. 5.
- **singularis** Big. Rev. et Mag. Zool. 1859. 313. pl. 11 f. 2; Walk. Proc. Linn. Soc. IV. 147. 173 (*Pterogenia*). — Celebes.
- **Dayak** Big. Rev. et Mag. Zool. 1859. 313. pl. 11 f. 2 *bis* (*Pterogenia*). — Borneo.
- **cristiventris** Gerst. Stett. Ent. Zeit. XXI. 135. 2 (*Gorgopis*). — Amboina.

Zygaenula vittifinis Walk. Proc. Linn. Soc. V. 292. 82 (*Pterogenia*). — Batjan.

- **variipennis** Walk. l. c. V. 292. 83 (*Pterogenia*). — Batjan.

Naupoda Ost. Sack.

Bull. Soc. Ent. France, 1881. 135.

N. platessa Ost. Sack. Berl. Ent. Zeitschr. XXVI. 223. f. 6. — Philippines.

Asyntoma Ost. Sack.

Bull. Soc. Ent. France, 1881. 135.

A. Doleschalli Ost. Sack. Berl. Ent. Zeitschr. XXVI. 224. f. 7. — Amboina.

Ulidia Meig.

Syst. Beschr. V. 385 (1826).

U. aenea Fabr. Ent. Syst. IV. 335. 89 (*Musca*); id. Syst. Antl. 257. 5 (*Sargus*); Wied. Auss. Zweifl. II. 566. 2. — East India.

- **melanopsis** Walk. List Dipt. Brit. Mus. IV. 1058. — Bengal.
- **divergens** Walk. Dipt. Saund. 397. — East India.
- **fulviceps** Walk. Trans. Ent. Soc. 2. ser. IV. 227. — Hindostan.

Rhadinomyia Schin.

Dipt. Nov. Reise, 290 (1868).

Rh. orientalis Schin. Dipt. Nov. Reise, 290. 175; Ost. Sack. Ann. Mus. Gen. XVI. 471. — Java.

Chloria Schin.

Wien. Ent. Monatschr. VI. 151 (1862).

Chl. clausa Macq. Dipt. exot. II. 3. 251. 1. pl. 33 f. 9 (*Ulidia*); v. d. Wulp, Tijdschr. v. Entom. XXIII. 180. 41. pl. 11 f. 3. — Java.

Vidalia Rob. D.

Myod. 719 (1830).

N. impressifrons Rob. D. Myod. 719. 1. — East India.

Xangelina Walk.

Proc. Linn. Soc. I. 32 (1857).

X. basigutta Walk. Proc. Linn. Soc. I. 32. 107. pl. 1 f. 3. — Malacca.

Polyara Walk.

Proc. Linn. Soc. III. 122 (1859).

P. insolita Walk. Proc. Linn. Soc. III. 123. 150; id. VII. 221. 91; Ost. Sack. Ann. Mus. Gen. XVI. 481. — Mysol, Aroe, New Guinea.

Angitula Walk.

Proc. Linn. Soc. III. 123 (1859).

A. cyanea Guér. Voy. d. l. Coquille, 301. pl. 21 f. 11 (*Nerius*); Ost. Sack. Ann. Mus. Gen. XVI. 481; v. d. Wulp, Tijdschr. v. Entom. XXVIII. 233. — New Guinea, Mysol, North Halmaheira, Gebeh, Obi, Morotai, Batjan, Waigoe, Aroe.

Syn. *Elaphomyia polita* Saund. Trans. Ent. Soc. n. ser. V. 416. pl. 12 f. 6 and pl. 13 f. 1.

Angitula longicollis Walk. Proc. Linn. Soc. III. 123. 151; id. V. 297. 96; id. VI. 17. 57; id. VII. 222. 96 and 230. 40.

Terastiomyia Big.

Rev. et Mag. de Zool. 1859. 311.

T. lobifera Big. Revue et Mag. de Zool. 1859. 311. — Celebes.

Adrama Walk.

Proc. Linn. Soc. III. 118 (1858).

A. determinata Walk. Proc. Linn. Soc. I. 133. 151 (*Dacus*); Ost. Sack. Ann. Mus. Gen. XVI. 479; id. Berl. Ent. Zeitschr. XXVI. 210; v. d. Wulp, Tijdschr. v. Entom. XXX. 176. 2. — Java, Borneo, Philippines.

Syn. *Acanthipeza maculifrons* Rond. Ann. Mus. Gen. VII. 438.

- *Dacus cylindricus* v. d. Wulp, Tijdschr. v. Entom. XXIII. 181. 43. pl. 11 f. 5.

Adrama selecta Walk. Proc. Linn. Soc. III. 118. 139; id. V. 296. 92; id. VII. 227. 27; Ost. Sack. Ann. Mus. Gen. XVI. 479. — Amboina, Batjan, Aroe, Waigoe, New Guinea.

Syn. *Enicoptera rufiventris* Walk. Proc. Linn. Soc. V. 163. 64.

- *Psila cruciata* Walk. Proc. Linn. Soc. VIII. 126. 63.

- **consors** Walk. Proc. Linn. Soc. V. 296. 63. — Batjan.

Callantra Walk.

Proc. Linn. Soc. IV. 154 (1860).

C. smicroides Walk. Proc. Linn. Soc. IV. 154. 187. — Macassar.

Aragara Walk.

Proc. Linn. Soc. IV. 154 (1860).

A. crassipes Walk. Proc. Linn. Soc. IV. 154. 188. — Macassar.

Mystia Walk.

Proc. Linn. Soc. V. 249 (1861).

M. attrahens Walk. Proc. Linn. Soc. V. 250. 66. — New Guinea.

Poticara Walk.

Proc. Linn. Soc. V. 248 (1861).

P. tricurvata Walk. Proc. Linn. Soc. VII. 227. 29. — Waigoe.

- **biarcuata** Walk. l. c. VIII. 133. 7. — Salawatti.

Euxesta Löw.

Berl. Ent. Zeitschr. XI. 297 (1867).

E. prima Ost. Sack. Ann. Mus. Gen. XVI. 470. — Celebes.

Maria Big.

Rev. et Mag. de Zool. 1859. 311.

M. caeruleiventris Big Revue et Mag. de Zool. 1859. 311. — Aroe.

Agastrodes Big.

Rev. et Mag. de Zool. 1859. 312.

A. niveitarsis Big. Rev. et Mag. de Zool. 1859. 312. — Ceylon.

Soita Walk.

Proc. Linn. Soc. VIII. 135 (1865).

S. psiloides Walk. Proc. Linn. Soc. VIII. 136. 12. — Salawatti.

Charax Walk.

Trans. Ent. Soc. n. ser. V. 325 (1860).

The generic name *Charax* has been used by Gronovius, in Pisces, 1754, and by Bens, in Molusca, 1859 (see Scudder, Nomenclator Zool. II. p. 62).

Ch. planidorsum Walk. Trans. Ent. Soc. n. ser. V. 325. — Burmah.

Chelyophora Rond.

Ann. Mus. Gen. VII. 433 (1875).

Ch. borneana Rond. Ann. Mus. Gen. VII. 434. — Borneo.

Phytalmia Gerst.

Stett. Ent. Zeit. XXI. 169 (1860).

Ph. megalotis Gerst. Stett. Ent. Zeit. XXI. 172. 1. pl. 11 f. 3. — New Guinea.

- **cervicornis** Gerst. l. c. XXI. 173. 2. pl. 11 f. 4; Ost. Sack. Ann. Mus. Gen. XVI. 483. — Mysol, New Guinea.

  Syn. *Elaphomyia cervicornis* Saund. Trans. Ent. Soc. n. ser. V. pl. 12 f. 4, 5; Walk. Proc. Linn. Soc. VII. 222. 97.

- **Wallacei** Saund. Trans. Ent. Soc. n. ser. V. 414. pl. 13 f. 3 (*Elaphomyia*). — Dorei.

- **alcicornis** Saund. l. c. V. 415. pl. 12 f. 1, 2 (*Elaphomyia*). — Dorei.

Diplochorda Ost. Sack.

Ann. Mus. Gen. XVI. 484 (1881).

D. brevicornis Saund. Trans. Ent. Soc. n. ser. V. 415. pl. 13 f. 2 (*Elaphomyia brevicornis*) ex parte; Ost. Sack. Ann. Mus. Gen. XVI. 487. — New Guinea.

- **turgida** Walk. Proc. Linn. Soc. VIII. 134. 10 (*Dacus*); Ost. Sack. Ann. Mus. Gen. XVI. 487. — Mysol, Salawatti, New Guinea.

  Syn. *Elaphomyia brevicornis* Saund. Trans. Ent. Soc. n. ser. V. 415. pl. 13 f. 3 (ex parte).

  Dacus concisus Walk. Proc. Linn. Soc. V. 252. 72.

- **ophion** Ost Sack. Ann. Mus. Gen. XVI. 488. — New Guinea.
- **myrmex** Ost. Sack. l. c. XVI. 488. — New Guinea.

TRYPETINAE.

Dacus Fabr.

Syst. Antl. 272 (1805).

D. ferrugineus Fabr. Ent. Syst. IV. 342. 127 (*Musca*); id. Syst. Antl. 274. 5; Wied. Auss. Zweifl. II. 515. 5; Macq. Dipt. exot. supp. 3. 64; id. supp. 4. 284; v. d. Wulp, Compt. rend. Soc. Ent. Belg. 1884. 296. 14; v. Röder, Entom. Nachr. XIX. 235. 22. — Ceylon, Java, Amboina.

Syn. *Bactrocera maculipennis* Dol. Nat. Tijdschr. Ned. Ind. X. 412. 36. pl. 1. f 1.

- *Bactrocera conformis* Dol. l. c. XVII. 122. 78.

The larva of this species is injurious to mangoes (*Mangifera indica*) in British India (see Ind. Museum Notes, vol. III. p. 17).

umbrosus Fabr. Syst. Antl. 274. 6; Wied. Auss. Zweifl. II. 517. 7. — Sumatra.

- **caudatus** Fabr. Syst. Antl 276. 16; Wied. Auss. Zweifl. II. 518. 8; Walk. List Dipt. Brit. Mus. IV. 1073 (*Dasyneura*). — Java.
- **fascipennis** Wied. Zool. Mag. III. 28. 42; id. Auss. Zweifl. II. 519. 9; v. d. Wulp, Tijdschr. v. Entom. XXIII. 181. 42. pl. 11 f. 4. — Java, Sumatra.

  Syn. *Bactrocera fasciatipennis* Dol. Nat. Tijdschr. Ned. Ind. X. 412. 36. pl. 3 f. 1.

D. Klugii Wied. Anal. ent. 56. 125; id. Auss. Zweifl. II. 523. 15. — East India.

- **longicornis** Wied. Auss. Zweifl. II. 524. 16. — Java.
- **limbipennis** Macq. Dipt. exot. II. 3. 217. pl. 29 f. 9. — Java.
- **trivittatus** Walk. List Dipt. Brit. Mus. IV. 1072. — Philippines.
- **incisus** Walk. Trans. Ent. Soc. n. ser. V. 323. — Burmah.
- **squalidus** Walk. l. c. n. ser. V. 323. — Hindostan.
- **conformis** Walk. Proc. Linn. Soc. I. 34. 111. pl. 2 f. 4 (*Strumeta*); Ost. Sack. Ann. Mus. Gen. XVI. 460. — Singapore, Celebes.
- **figuratus** Walk. Proc. Linn. Soc. I. 133. 135. — Borneo.
- **maculiger** Dol. Nat. Tijdschr. Ned. Ind. XVII. 122. 79 (*Bactrocera*). — Amboina.
- **vespoides** Dol. l. c. XVII 123. 80 (*Bactrocera*?). — Amboina.
- **expandens** Walk. Proc. Linn. Soc. III. 114. 129. — Aroe.
- **pectoralis** Walk. l. c. III. 114. 130; id. V. 295. 88; id. VII. 228. 31. — Aroe, Batjan, Waigoe.
- **latifascia** Walk. l. c. III. 114. 131. — Aroe.
- **mutilloides** Walk. l. c. III. 115. 132; Ost. Sack. Ann. Mus. Gen. XVI. 461. — Aroe, New Guinea.

  Is not a *Dacus* and apparently by no meansa Trypetid (Ost. Sack.).
- **longivitta** Walk. Proc. Linn. Soc. III. 115. 133; id. V. 162. 60. — Amboina, Aroe.
- **lativentris** Walk. l. c. III. 115. 134. — Aroe.
- **pompilioides** Walk. l. c. III. 116. 136. — Aroe.
- **divergens** Walk. l. c. IV. 149. 176; id. V. 295. 88. — Macassar, Batjan.
- **addens** Walk. l. c. IV. 149. 177. — Macassar.
- **bilineatus** Walk. l. c. IV. 150. 178. — Macassar.

  imitans Walk. l. c. IV. 150. 179; id. VII. 237. 39. — Macassar, Ceram.
- **exigens** Walk. l. c. IV. 151. 180. — Macassar.
- **contrahens** Walk. l. c. IV. 151. 181. — Macassar.
- **inaptus** Walk. l. c. IV. 151. 182. — Macassar.
- **terminifer** Walk. l. c. IV. 152. 183. — Macassar.
- **emittens** Walk. l. c. IV. 152. 184; Ost. Sack. Ann. Mus. Gen. XVI. 460. — Celebes.
- **diffusus** Walk. Proc. Linn. Soc. IV. 153. 185. — Macassar.

Dacus fulvitarsis Walk. Proc. Linn. Soc. IV. 153. 186. — Macassar.
- **inscriptus** Walk. l. c. V. 162. 61. — Amboina.
- **sepsoides** Walk. l. c. V. 163. 62 and 295. 91. — Amboina, Batjan.
- **signatipes** Walk. l. c. V. 163. 63. — Amboina.
- **devius** Walk. l. c. V. 250. 67. — Batjan.
- **instabilis** Walk. l. c. V. 250. 68. — New Guinea.
- **sordidus** Walk. l. c. V. 251. 69; id. VII. 221. 89 and 228. 32. — Mysol, Waigoe, New Guinea.
- **lituratus** Walk. l. c. V. 251. 70. — Waigoe, New Guinea.
- **nigrilinea** Walk. l. c. V. 251. 71. — New Guinea.
- **divergens** Walk. l. c. V. 262. 16. — Celebes.
- **pubiseta** Walk. l. c. V. 294. 86; id. VII. 221. 88. — Mysol, Batjan.
- **discipennis** Walk. l. c. V. 294. 87. — Batjan
- **areolatus** Walk. l. c. V. 295. 89. — Batjan.
- **strigifinis** Walk. l. c. V. 295. 90. — Batjan.
- **repletus** Walk. l. c. V. 296. 94; id. V. 301. 5 (*Strumeta*). — Batjan, Kaisaa.
- **strigifer** Walk. l. c. VI. 13. 45. — Gilolo.
- **furcifer** Walk. l. c. VI. 14. 46; Ost. Sack. Ann. Mus. Gen. XVI. 461. — Gilolo, Ternate.
- **expertus** Walk. Proc. Linn. Soc. VI. 14. 47. — Gilolo.
- **perplexus** Walk. l. c. VI. 14. 48. — Gilolo.
- **absolutus** Walk. l. c. VI. 22. 13. — Ceram.
- **helomyzoides** Walk. l. c. VII. 220. 84 (*Strumeta*). — Mysol.
- **concisus** Walk. l. c. VII. 227. 28 (*Strumeta*). — Waigoe.
- **sepedonoides** Walk. l. c. VII. 228. 33. — Waigoe.
- **curvifer** Walk. l. c. VII. 229. 34. — Waigoe.
- **speculifer** Walk. l. c. VIII. 122. 53. — New Guinea.
- **biarcuatus** Walk. l. c. VIII. 122. 54. — New Guinea.
- **lateralis** Walk. l. c. VIII. 123. 55. — New Guinea.
- **varialis** Walk. l. c. VIII. 123. 56. — New Guinea.
- **detrudens** Walk. l. c. VIII. 135. 11. — Salawatti.
- **Ritsemae** Weyenb. Arch. Neerl. IV. 360; Ost. Sack. Ann. Mus. Gen. XVI. 460. — Java.
- **Icarus** Ost. Sack. Berl. Ent. Zeitschr. XXVI. 224. f. 8. — Philippines.

Ceratitis M. Leay.

Zool. Journ. IV. 475 (1829).

C. capitata Wied. Anal. ent. 55. 124; id. Auss. Zweifl. II. 496. 30 (*Trypeta*); Macq. Suit. à Buff. II. 454. 1 (*Petalophora*); v. Röder, Berl. Ent. Zeitschr. XXIX. 132. — East India; also Congo, Isle de France, Azores and South Europe.

Syn. *Ceratitis citriperda* M. Leay, Zool. Journ. IV. 475. pl. 15; Macq. Dipt. exot. II. 3. 219. pl. 29 f. 10.

- *Ceratitis hispanica* de Brème, Ann. Soc. Ent. de France, XI. 188. pl. 7, I f. 1, 2, 4, 5.
- *Trypeta Cosyra* Walk. List Dipt. Brit. Mus. IV. 1042 (according to von Röder).
- *Trypeta flexuosa* Walk. Dipt. Saund. 382.

Schiner (Faun. austr. II. 174, note) asserted, that Löw had erroneously called this species *C. capitata* Wied, as the name *citriperda* M. Leay was the older one. Löw, however, was in the right: Wiedemann's name dates from 1824 (Anal. ent.), that of M. Leay from 1829 (Zool. Journ. IV).

Acidia Rob. D.

Myod. 720 (1830).

A. quadrincisa Wied. Anal ent. 55. 122 (*Trypeta*); id. Auss. Zweifl. II. 508. 50 (*Trypeta*); Schin. Dipt. Nov. Reise, 264. 99. — East India.

- **Atilia** Walk. List Dipt. Brit. Mus. IV. 1021 (*Trypeta*); Ost. Sack. Ann. Mus. Gen. XVI. 459; id. Berl. Ent. Zeitschr. XXVI. 227. — China, Celebes, Ceram.

Syn. *Trypeta melaleuca* Walk. Proc. Linn. Soc. VII. 238. 40.

- **soror** Schin. Dipt. Nov. Reise, 264. 100. — Java.

Rioxa Walk.

Proc. Linn. Soc. I. 35 (1857).

R. lanceolata Walk. Proc. Linn. Soc. I. 35. 114. pl. 2 f. 3; id. I. 132. 151. — Singapore, Borneo.

- **confinis** Walk. l. c. I. 132. 152. — Borneo.
- **bimaculata** Walk. l. c. V. 164. 65. — Amboina.

Rioxa formosipennis Walk. Proc. Linn. Soc. V. 252. 73. — New Guinea.
- **Erebus** Rond. Ann. Mus. Gen. VII. 436. — Borneo.
- **nox** Rond. l. c. VII. 437. — Borneo.

Sophira Walk.

Proc. Linn. Soc. I. 35 (1857).

S. venusta Walk. Proc. Linn. Soc. I. 35. 113. pl. 2 f. 1. — Singapore.
- **concinna** Walk. l. c. I. 132. 150. — Borneo.
- **bistriga** Walk. l. c. IV. 160. 201. — Celebes.
- **distorta** Walk. Trans. Ent. Soc. n. ser. IV. 230; Ost. Sack. Ann. Mus. Gen. XVI. 481. — Celebes.

  Syn. *Enicoptera pictipennis* Walk. Proc. Linn. Soc. IV. 155. 189; id. V. 262. 17.
- **bipars** Walk. Proc. Linn. Soc. VI. 23. 14. — Ceram.

Acanthoneura Macq.

Dipt. exot. II. 3. 220 (1843).

A. fuscipennis Macq. Dipt. exot. II. 3. 221. pl. 30 f. 1. — Bengal.
- **Polyxena** Ost. Sack. Ann. Mus. Gen. XVI. 462. — Java.

Themara Walk.

Proc. Linn. Soc. I. 33 (1857).

Th. maculipennis Westw. Cab. orient. Entom. 38. pl. 18 f. 4 (*Achias*); Walk. Proc. Linn. Soc. I. 36. 116; id. I. 134. 159 (*Achias*); Ost. Sack. Ann. Mus. Gen. XVI. 461. — Singapore, Java, Borneo, Amboina, etc.

  Syn. *Achias Horsfieldi* Westw. Trans. Ent. Soc. V. pl. 23 f. 9.

  - *Themara ampla* Walk. Proc. Linn. Soc. I. 33. 110. pl 1 f. 5.
- **alboguttata** Dol. Nat. Tijdschr. Ned. Ind. XVII. 124. 82. — Amboina.
- **nigropunctulata** Dol. l. c. XVII. 124. 83. — Amboina.
- **hirtipes** Rond. Ann. Mus. Gen. VII. 435. — Borneo.
- **ypsilon** Rond. l. c. VII. 435. — Borneo.

Ptilona v. d. Wulp.

Tijdschr. v. Entom. XXIII. 183 (1880).

Pt. brevicornis v. d. Wulp, Tijdschr. v. Entom. XXIII. 185. 44. pl. 11 f. 7; Ost. Sack. Berl. Ent. Zeitschr. XXVI. 226. — Java, Philippines.

- **Dunlopi** v. d. Wulp, Tijdschr. v. Entom. XXIII. 186. 45. pl. 11 f. 8. — Padang.
- **notabilis** v. d. Wulp, l. c. XXIII. 187. 46. pl. 11 f. 9—11. — Padang.
- **sexmaculata** v. d. Wulp, l. c. XXIII. 185; id. Dipt. Sum. exp. 51. 1 pl. 3 f. 7—11. — Sumatra.

Enicoptera Macq.

Dipt. exot. supp. 3. 63 (1850).

E. flava Macq. Dipt. exot. supp. 3. 63. 1. — Java.

- **tortuosa** Walk. Proc. Linn. Soc. IV. 155. 190. — Macassar.
- **arcuosa** Walk. l. c. IV. 156. 191. — Macassar.
- **plagifera** Walk. l. c. IV. 156. 192 (*Enicoptera*?). — Macassar.
- **proditrix** Ost. Sack. Berl. Ent. Zeitschr. XXVI. 233. — Philippines.

Xiria Walk.

Proc. Linn. Soc. I. 36 (1857).

X. violacea Wied. Auss. Zweifl. II. 476. 1 (*Trypeta*); Ost. Sack. Ann. Mus. Gen. XVI. 464. — Java.

- **antica** Walk. Proc. Linn. Soc. I. 36. 115. pl. 2 f. 2. — Mt. Ophir.
- **obliqua** Ost. Sack. Ann. Mus. Gen. XVI. 463. — Sumatra.

Urophora Rob. D.

Myod. 769 (1830).

U. taeniata Macq. Dipt. exot. II. 3. 222. 3. pl. 30 f. 6. — Java.

- **vittithorax** Macq. l. c. supp. 4 285. 1. — East India.
- **fasciata** Walk. Proc. Linn. Soc. I. 134. 158. — Borneo.

Atopognathus Big.

Ann. Soc. Ent. France, 6. I. 24 (1881).

A. platypalpus Big. Ann. Soc. Ent. France, 6. I. 24. — Ternate.

Trypeta Meig.

Illig. Magaz. II. 277 (1803).

Tr. crux Fabr. Ent. Syst. IV. 358. 190 (*Musca*); id. Syst. Antl. 277. 23 (*Dacus*); Wied. Auss. Zweifl. II. 488. 19. — East India.

- **modesta** Fabr. Syst. Antl. 278. 29 (*Dacus*); Wied. Auss. Zweifl. II. 493. 26. — Bengal.
- **fossata** Fabr. Syst. Antl. 320. 20 (*Tephritis*); Wied. Auss. Zweifl. II. 503. 41. — Tranquebar.
- **incisa** Wied. Anal. ent. 53. 117; id. Auss. Zweifl. II. 500. 37. — Bengal.
- **obsoleta** Wied. Anal. ent. 53. 118; id. Auss. Zweifl. II. 499. 36. — Java.
- **acrostacta** Wied. Anal. ent. 54. 119; id. Auss. Zweifl. II. 501. 39. — East India.
- **Reinhardi** Wied. Anal. ent. 54. 121; id. Auss. Zweifl. II. 507. 48. — East India.
- **vaga** Wied. Auss. Zweifl. II. 490. 21. — Bengal.
- **basilaris** Wied. l. c. II. 510. 55. — Sumatra.
- **fasciventris** Macq. Dipt. exot. II. 3. 225. 4. pl. 31 f. 2 (*Tephritis*). — East India.
- **Tacia** Walk. List Dipt. Brit. Mus. IV. 1021. — Bengal.
- **Stella** Walk. l. c. IV. 1030. — Bengal.
- **Elimia** Walk. l. c. IV. 1033; Ost. Sack. Berl. Ent. Zeitschr. XXVI. 227. — Amboina, Philippines.

  Syn. *Ortalis regularis* Dol. Nat. Tijdschr. Ned. Ind. XVII. 119. 75.

  I also saw a specimen from Java.
- **Mutyca** Walk. List Dipt. Brit. Mus. IV. 1036. — East India.
- **fasciventris** Macq. Dipt. exot. supp. 3. 65. pl. 7 f. 7 (*Tephritis*). — Java.

  Nomen bis lectum.
- **vittata** Macq. l. c. supp. 4. 290. 15 (*Tephritis*). — East India.
- **Paritii** Dol. Nat. Tijdschr. Ned. Ind. X. 412. 38. pl. 1 f. 2 (*Tephritis*). — Amboina.
- **antiqua** Walk. Dipt. Saund. 378. — East India.
- **cylindrica** Walk. l. c. 380. — East India.

Tr. **mixta** Walk. Dipt. Saund. 385. — East India.
- **contraria** Walk. l. c. 385. — East India.
- **ferruginea** Walk. l. c. 387. — East India.
- **sinica** Walk. Trans. Ent. Soc. 2. ser. IV. 229. — China.
- **tubifera** Walk. l. c. 2. ser. IV. 230. — China.
- **rudis** Walk. Proc. Linn. Soc. I. 133. 157. — Borneo.
- **multistriga** Walk. l. c. III. 119. 142; id. VII. 229. 35. — Aroe, Waigoe.
- **dorsigutta** Walk. l. c. III. 119. 143. — Aroe.
- **basalis** Walk. l. c. III. 120. 144. — Aroe.
- **impleta** Walk. l. c. III. 120. 145. — Aroe.
- **subocellifera** Walk. l. c. III. 120. 146. — Aroe.
- **roripennis** Walk. l. c. III. 131. 15. — Key island.
- **basifascia** Walk. l. c. IV. 158. 195. — Macassar.
- **nigrifascia** Walk. l. c. IV. 158. 196. — Macassar.
- **lativentris** Walk. l. c. IV. 158. 197. — Macassar.
- **approximans** Walk. l. c. IV. 160. 200. — Macassar.
- **transiens** Walk. l. c. V. 164. 66. — Amboina.
- **signifacies** Walk. l. c. V. 165. 67; Ost. Sack. Ann. Mus. Gen. XVI. 459. — Amboina.
- **quadrifera** Walk. Proc. Linn. Soc. V. 246. 58 (*Helomyza*); Ost. Sack. Ann. Mus. Gen. XVI. 459 and XVIII. 19. — Amboina, New Guinea.
  Syn. *Themara ampla* Dol. Nat. Tijdschr. Ned. Ind. XVII. 124. 81 (non Walk.).
- **retorta** Walk. Proc. Linn. Soc. VI. 16. 33. — Gilolo.
- **diversata** Walk. l. c. VIII. 124. 59. — New Guinea.
- **brevivittata** Walk. l. c. VIII. 124. 60. — New Guinea.
- **sexincisa** Thoms. Dipt. Eug. Resa, 579. 252. — China.
- **sinensis** Thoms. l. c. 585. 263. — China.
- **Cassandra** Ost. Sack. Berl. Ent. Zeitschr. XXVI. 228. f. 9. — Philippines.
- **Alkestis** Ost. Sack. l. c. XXVI. 229. f. 10. — Philippines.
- **Manto** Ost. Sack. l. c. XXVI. 231. f. 11. — Philippines.

Meracantha Macq.

Dipt. exot. supp. 4. 285 (1851).

M. **maculipennis** Macq. Dipt. exot. supp. 4. 285. 1. — East India.

Acinia Macq.

Dipt. exot. supp. 4. 292 (1851).

A. marginemaculata Macq. Dipt. exot. supp. 4. 292. 8. — Asia.

- **stellata** Macq. l. c. supp. 4. 293. 9; Ost. Sack. Berl. Ent. Zeitschr. XXVI. 227. — Manilla.
- **stellipennis** Walk. Proc. Linn. Soc. IV. 159. 198 (*Trypeta*); Ost. Sack. Ann. Mus. Gen. XVI. 459; id. Berl. Ent. Zeitschr. XXVI. 228. — Macassar, Gilolo, Ternate, Philippines.

  Syn. *Sophira punctifera* Walk. Proc. Linn. Soc. VI. 15. 49.

  Perhaps the same species as *A. stellata* Macq.
- **amplipennis** Walk. Proc. Linn. Soc. IV. 159. 199. — Macassar, Philippines.

Sphenella Rob. D.

Myod. 773 (1830).

Sph. sinensis Schin. Dipt. Nov. Reise, 267. 109. — China.

- **indica** Schin. l. c. 267. 110. — Madras.

Ensina Rob. D.

Myod. 751 (1830).

E. guttata Macq. Dipt. exot. II. 3. 230. 1. pl. 31 f. 10. — Coromandel.

- **reticulata** Dol. Nat. Tijdschr. Ned. Ind. X. 412. 37. pl. XII f. 2. — Borneo.

Dasyneura Saund.

Trans. Ent. Soc. III. 60 (1841).

The generic name *Dasyneura* has been used by Rondani, in the fam. Cecidomyidae, 1840 (see Scudder, Nomenclator zool. II. 92).

D. zonata Saund. Trans. Ent. Soc. III. 61. pl. 5 f. 3; Walk. List Dipt. Brit. Mus. IV. 1075. – Bengal.

- **Tau** Walk. List Dipt. Brit. Mus. IV. 1074. — China.

Noeeta Rob. D.

Myod. 778 (1830).

N. latiuscula Walk. Proc. Linn. Soc. I. 133. 156. — Borneo.

Carpomyia Rond.
Dipt. Ital. Prodrom. I. 111 (1856).

C. **pardalina** Big. Ind. Mus. Notes, I. 77. pl. 5 f. 1. — British India.

Oxyphora Rob. D.
Myod. 757 (1830).

O. **malaica** Schin. Dipt. Nov. Reise, 274. 125. — Ceylon.

Tephritis Latr.
Hist. nat. Crust. et Ins. XIV. 389 (1804).

T. **Asteria** Schin. Dipt. Nov. Reise, 270. 118. — Madras.
- **Brahma** Schin. l. c. 272. 121. — Madras.

SAPROMYZINAE.

Lauxania Latr.
Hist. nat. Crust. et Ins. XIV. 390 (1804).

L. **diadema** Wied. Auss. Zweifl. II. 661. 28. — Sumatra.
- **rufiventris** Macq. Dipt. exot. supp. 3. 68. — Java.
- **cucera** Walk. Proc. Linn. Soc. I. 29. 68 and 131. 142. — Singapore, Borneo.
- **detereuns** Walk. l. c. I. 29. 99. — Mt. Ophir.
- **duplicans** Walk. l. c. III. 110. 118. — Aroe.
- **minuens** Walk. l. c. III. 110. 119. — Aroe.
- **perplexa** Walk. l. c. V. 161. 57. — Amboina.
- **nigropunctata** Thoms. Dipt. Eugen. Resa, 566. 224. — Guam.
- **curvinervis** Thoms. l. c. 567. 226. — China.
- **latifrons** Thoms. l. c. 567. 227. — Manilla.

Lonchaea Fall.
Ortal. 25 (1820).

L. **inops** Walk. Proc. Linn. Soc. III. 110. 120; id. VII. 219. 82 and 237. 36. — Aroe, Mysol, Ceram.
- **punctipennis** Walk. l. c. IV. 145. 165 (*Lonchaea?*). — Macassar.
- **consentanea** Walk. l. c. IV. 146. 166; id. VI. 12. 41. — Macassar, Gilolo.
- **atratula** Walk. l. c. IV. 146. 167. — Macassar.

Cephaloconus Walk.

Proc. Linn. Soc. V. 299 (1861).

C. tenebrosus Walk. Proc. Linn. Soc. V. 300. 102; Ost. Sack. Wien. Ent. Zeitschr. I. 20. — Batjan, Ternate.

Syn. *Callistorhina vittigera* Big. Bull. Soc. Ent. France, 1878. XXXII.

Minettia Rob. D.

Myod. 646 (1830).

M. signata v. d. Wulp, Dipt. Sum. exp. 52. 1. pl. 3 f. 12. — Sumatra.

Sapromyza Fall.

Ortal. 29 (1820).

S. conferta Wied. Auss. Zweifl. II. 454. 8. — China.
- **Fallenii** Wied. l. c. II. 455. 11. — East India.
- **levis** Wied. l. c. II. 456. 15. — Macao.
- **mellina** Wied. l. c. II. 659. 24. — Sumatra.
- **bengalensis** Macq. Dipt. exot. II. 3. 188. 4. — Bengal.
- **biguttata** Macq. l. c. II. 3. 188. 5; Walk. Proc. Linn. Soc. I. 130. 140. — Java, Borneo.
- **javana** Macq. Dipt. exot. supp. 4. 274. 20. — Java.
- **punctigera** Dol. Nat. Tijdschr. Ned. Ind. XVII. 118. 74. — Amboina.
- **poecila** Schin. Dipt. Nov. Reise, 279. 142. — Nicobar islands.
- **scutellaris** v. d. Wulp, Tijdschr. v. Entom. XXIII. 191. 49. pl. 11 f. 3. — Java.

Palloptera Fall.

Ortal. 23 (1830).

P. detracta Walk. Proc. Linn. Soc. IV. 160. 202. — Macassar.

Gauzania Walk.

Proc. Linn. Soc. I. 131 (1857).

G. devecta Walk. Proc. Linn. Soc. I. 131. 141. pl. 6 f. 5. — Borneo.

Eupteromyia Big.

Rev. et Mag. de Zool. 1859. 310.

E. trivittata Big. Rev. et Mag. de Zool. 1859. 310. — Burmah.

Thressa Walk.

Proc. Linn. Soc. IV. 146 (1860).

Thr. signifera Walk. Proc. Linn. Soc. IV. 146. 168. — Macassar.

Drepanephora Löw.

Berl. Ent. Zeitschr. XIII. 95 (1869).

D. horrida Löw, Berl. Ent. Zeitschr. XIII. 96. — Ceylon.

Homoneura v. d. Wulp.

Tijdschr. v. Entom. XXXIV. 213 (1891).

H. picea v. d. Wulp, Tijdschr. v. Entom. XXXIV. 214. pl. 12 f. 15 and 16. — Java.

CELYPHINAE.

Celyphus Dalm.

Anal. ent. 32 (1824).

C. obtectus Dalm. Anal. ent. 32. 1; Wied. Auss. Zweifl. II. 601. 1; Macq. Suit. à Buff. II. 516. 1; id. Dipt. exot. supp. 4. 301; Walk. Proc. Linn. Soc. IV. 147. 170; Ost. Sack. Ann. Mus. Gen. XVI. 491; v. d. Wulp, Dipt. Sum. exp. 52. 1. — Hindostan, Malacca, Java, Sumatra, Celebes, Philippines.

- **scutatus** Wied. Auss. Zweifl. II. 601. 2; Macq. Suit. à Buff. II. 516. 2; id. Dipt. exot. supp. 3. 69; Walk. Proc. Linn. Soc. I. 131. 143; id. IV. 147. 171; id. V. 268. 19; Ost. Sack. Ann. Mus. Gen. XVI. 491. — East India, Java, Borneo, Philippines.
- **fuscipes** Macq. Dipt. exot. supp. 4. 301. 1; v. d. Wulp, Dipt. Sum. exp. 53. 2. — East India, Sumatra.
- **Dohrni** Big. Ann. Soc. Ent. de France, 5. X. 1880, Bulletin CLI; v. Röder, Entom. Nachr. XIX. 236. 26. — Ceylon.
- **levis** v. d. Wulp, Dipt. Sum. exp. 53. 3; Ost. Sack. Ann. Mus. Gen. XVI. 491; id. Berl. Ent. Zeitschr. XXVI. 228. — Sumatra, Philippines.
- **Aurora** Karsch, Berl. Ent. Zeitschr. XXVIII. 173. — Java?
- **hyalinus** Karsch, l. c. — Ceylon.
- **lucidus** Karsch, l. c.; v. Röder, Entom. Nachr. XIX. 236. 27. — Ceylon.

Celyphus signatus Karsch, Berl. Ent. Zeitschr. XXVIII. 173. — Bintang.
- **cognatus** Karsch, l. c. — Ceylon.
- **anisotomoides** Karsch, l. c. — Bengal.
- **Bigoti** Karsch, l. c.; v. Röder, Ent. Nachr. XIX. 236. 28. — Ceylon.
- **Karschii** v. Röder, Ent. Nachr. XIX. 235. 25. — Ceylon.

Paracelyphus Big.

Rev. et Mag. de Zool. 1859. 315.

P. hyacinthus Big. Rev. et Mag. de Zool. 1859. 315. pl. 11 f. 3. — Malacca.
- **sumatrensis** v. d. Wulp, Compt. rend. Soc. Ent. Belg. 1884. 296. 15. — Sumatra.

PSILINAE.

Chyliza Fall.

Opom. 6 (1820).

Ch. histrionica Fabr. Ent. Syst. IV. 343. 128 (*Musca*); id. Syst. Antl. 274. 5 (*Dacus*); Wied. Auss. Zweifl. II. 530. 1. — East India.
- **macularis** Wied. Auss. Zweifl. II. 531. 2. — Java.
- **calida** Wied. l. c. II. 532. 4. — Sumatra.
- **selecta** Ost. Sack. Berl. Ent. Zeitschr. XXVI. 193. — Philippines.

Psila Meig.

Illig. Magaz. II. 278 (1803).

Ps. apicalis Wied. Auss. Zweifl. II. 527. — China.
- **bipunctifera** Walk. Proc. Linn. Soc. IV. 165. 218. — Macassar.
- **munda** Walk. l. c. IV. 166. 219. — Macassar.
- **calobatoides** Walk. l. c. VIII. 125. 62 (*Psila*?). — New Guinea.
- **basalis** Walk. l. c. VIII. 126. 64 (*Psila*?). — New Guinea.
- **vittifera** Walk. l. c. VIII. 126. 65 (*Psila*?). — New Guinea.

Lissa Meig.

Syst. Beschr. V. 370 (1826).

The generic name *Lissa* has been used by Leach, in Crustacea, 1815 (see Scudder, Nomenclator zool. II. 177).

L. cylindrica Walk. Proc. Linn. Soc. III. 125. 128. — Aroe.

Texara Walk.

Proc. Linn. Soc. I. 38 (1857).

T. compressa Walk. Proc. Linn. Soc. I. 38. 123. pl. 2 f. 5; id. I. 135. 168. — Singapore, Borneo.

- **dioctrioides** Walk. l. c. IV. 166. 120. — Macassar.

Stymbara Walk.

Proc. Linn. Soc. VIII. 127 (1865).

St. vagaria Walk. Proc. Linn. Soc. VIII. 127. 66. — New Guinea.

EPHYDRINAE.

Ochthera Latr.

Hist. nat. Crust. et Ins. XIV. 391 (1804).

O. innotata Walk. Proc. Linn. Soc. IV. 171. 237; id. VII. 238. 41. — Macassar, Ceram.

- **rotunda** Schin. Dipt. Nov. Reise, 243. 35. — Nicobar islands.

Dryxo Rob. D.

Myod. 787 (1830).

Dr. lispoida Rob. D. Myod. 787. 1; Macq. Suit. à Buff. II. 520. 1. — Sumatra.

- **fasciata** Jeann. Neue exot. Dipt. 60. 73. pl. 1 f. 14 (*Cyphops*). — Java.
- **digna** Ost. Sack. Berl. Ent. Zeitschr. XXVI. 241. — Philippines
- **spreta** Ost. Sack. l. c. XXVI. 242. — Philippines.

Discomyza Meig.

Syst. Beschr. VI. 76 (1830).

D. obscurata Walk. Proc. Linn. Soc. IV. 169. 230. — Macassar.

- **tenebrosa** Walk. l. c. VIII. 130. 74. — New Guinea.
- **pelagica** Frauenf. Verh. Zool. bot. Ges. Wien, XVII. 451; Schin. Dipt. Nov. Reise, 242. 31. — Nicobar islands.
- **punctipennis** v. d. Wulp, Dipt. Sum. exp. 56. 1. pl. 3 f. 18. — Sumatra.

Clasiopa Stenh.

Monogr. Ephydr. 251 (1844).

Cl. **albitarsis** v. d. Wulp, Dipt. Sum. exp. 56. 1. — Sumatra.

Notiphila Fall.

Hydrom. 7 (1823).

N. **fasciata** Wied. Anal. ent. 57. 131; id. Auss. Zweifl. II. 589. 1. — East India.

- **albiventris** Wied. Anal. ent. 58. 133; id. Auss. Zweifl. II. 589. 2. — East India.
- **dorsopunctata** Wied. Anal. ent. 58. 134; id. Auss. Zweifl. II. 591. 5; v. d. Wulp. Tijdschr. v. Entom. XXXIV. 215. — East India, Java.
- **indica** Wied. Anal. ent. 58. 135; id. Auss. Zweifl. II. 591. 6. — East India.
- **peregrina** Wied. Auss. Zweifl. II. 592. 8. — China.
- **chinensis** Wied. l. c. II. 592. 9. — China.
- **immaculata** Wied. l. c II. 592. 10. — China.
- **lineosa** Walk. Proc. Linn. Soc. IV. 170. 232. — Macassar.
- **quadrifasciata** Walk. l. c. IV. 170. 233. — Macassar.
- **flavolinea** Walk. l. c. IV. 171. 234. — Macassar.
- **ortalinoides** Walk. l. c. VII. 222. 98. — Mysol.
- **unicolor** Walk. l. c. VII. 222. 99. — Mysol.
- **unilineata** Walk. l. c. VIII. 129. 72. — New Guinea.
- **carbonaria** Walk. l. c. VIII. 129. 73. — New Guinea.
- **ortalinoides** Walk. l. c. VIII. 136. 13. — Salawatti.

  Nomen bis lectum.
- **sternalis** Thoms. Dipt. Eugen. Resa, 593. 280. — Manilla.
- **granifera** Thoms. l. c. 594. 282. — Isl. Ross.
- **radiatula** Thoms. l. c. 595. 283. — China.
- **ciliata** v. d. Wulp, Dipt. Sum. exp. 55. 1. — Sumatra.

Paralimna Löw.

Mon. N. Am. Dipt. I. 138 (1862).

P. **sinensis** Schin. Dipt. Nov. Reise, 241. 27 (*Notiphila*); Ost. Sack. Ann. Mus. Gen. XVI. 492 and XVIII. 20. – China, Celebes.

Paralimna javana v. d. Wulp, Tijdschr. v. Entom. XXXIV. 215. pl. 12 f. 17. — Java.

Ephydra Fall.

Hydromyz. (1820).

E. taciturna Walk. Proc. Linn. Soc. III. 127. 165 (*Ephydra?*). — Aroe.
- **borboroides** Walk. l. c. IV. 171. 235. — Macassar.
- **maculicornis** Walk. l. c. IV. 171. 236. — Macassar.
- **pleuralis** Thoms. Dipt. Eug. Resa, 591. 276. — Manilla.

Nomba Walk.

Proc. Linn. Soc. IV. 170 (1860).

N. tecta Walk. Proc. Linn. Soc. IV. 170. 231. — Macassar.

CHLOROPSINAE.

Homalura Meig.

Syst. Beschr. V. 399 (1826).

H. maculipennis Wied. Anal. ent. 57. 132 (*Notiphila*); id. Auss. Zweifl. II. 574. — East India.

Eurina Meig.

Syst. Beschr. VI. 3 (1830).

E. albovariegata Thoms. Dipt. Eugen. Resa, 606. 308. — Malacca.

Chlorops Meig.

Illig. Magaz. II. 278 (1803).

Chl. argenteus Fabr. Syst. Antl. 323. 32 (*Tephritis*); Wied. Auss. Zweifl. II. 596. 5. — Amboina.
- **extraneus** Wied. Auss. Zweifl. II. 596. 7. — China.
- **striolatus** Wied. l. c. II. 597. 8. — China.
- **confusus** Wied. l. c. II. 597. 9. — China.
- **conclusata** Walk. Proc. Linn. Soc. VIII. 128. 68 (*Chlorops?*). — New Guinea.
- **nicobarensis** Schin. Dipt. Nov. Reise, 244. 37. — Nicobar isl.

Chlorops fuscipennis Thoms. Dipt. Eugen. Resa, 603. 300. — Isl. Ross.

- **longicornis** Thoms. l. c. 604. 302. — China.

  Nomen bis lectum: there is a *Chl. longicornis* Zett. from Europe.

- **vittipennis** Thoms. l. c. 604. 303. — Manilla.

Oscinis Latr.

Hist. nat. Crust. et Ins. XIV. 385 (1804).

O. lineiplena Walk. Proc. Linn. Soc. III. 125. 160. — Aroe.

- **noctilux** Walk. l. c. III. 126. 161. — Aroe.
- **femorata** Walk. l. c. IV. 167. 222. — Macassar.
- **insignis** Thoms. Dipt. Eugen. Resa, 605. 304. — China.
- **ensifera** Thoms. l. c. 605. 305. — China.
- **dimorpha** Ost. Sack. Berl. Ent. Zeitschr. XXVI. 245. — Philippines.

Hippelates Löw.

Diptera Amer. sept. indigen. Cent. III, n°. 67 (1863).

H. nigricornis Thoms. Dipt. Eugen. Resa, 607. 309. — Isl. Ross.

- **flavus** Thoms. l. c. 607. 310. — Isl. Keeling.

Cerais v. d. Wulp.

Dipt. Sum. exp. 54 (1882).

C. magnicornis v. d. Wulp, Dipt. Sum. exp. 55. 1. pl. 3 f. 15—17. — Sumatra.

GEOMYZINAE.

Mosillus Latr.

Hist. nat. Crust. et Ins. XIV. 389 (1804).

M. gutticosta Walk. Proc. Linn. Soc. I. 136. 169 (*Gymnopa?*). — Borneo.

- **infusus** Walk. l. c. I. 136. 170 (*Gymnopa*). — Borneo.

Opomyza Fall.

Geomyz. 10 (1820).

O. nigripennis Walk. Proc. Linn. Soc. IV. 168. 224. — Macassar.

Geomyza Fall.

Opomyz. 2 (1823).

G. **laticosta** Thoms. Dipt. Eugen. Resa, 598. 289. — Malacca.

- **spuria** Thoms. l. c. 599. 291. — China.

Apsinota v. d. Wulp.

Tijdschr. v. Entom. XXX. 178 (1887).

A. **pictiventris** v. d. Wulp, Tijdschr. v. Entom. XXX. 180. pl. 11 f. 13—15. — Java.

Drosophila Fall.

Geomyz. 4 (1823).

Dr. **nigriventris** Macq. Dipt. exot. II. 3. 259. 3. — Cochinchina.

- **Ananassae** Dol. Nat. Tijdschr. Ned. Ind. XVII. 128. 89; Ost. Sack. Berl. Ent. Zeitschr. XXVI. 245. — Amboina; ? Philippines.
- **finigutta** Walk. Proc. Linn. Soc. III. 126. 162 (*Drosophila?*). — Aroe.
- **melanospila** Walk. l. c. III. 126. 163. — Aroe.
- **imparata** Walk. l. c. III. 126. 164. — Aroe.
- **solennis** Walk. l. c. IV. 168. 225. — Macassar.
- **rudis** Walk. l. c. IV. 168. 226. — Macassar.
- **illata** Walk. l. c. IV. 168. 227. — Macassar.
- **lurida** Walk. l. c. IV. 169. 228. — Macassar.
- **lateralis** Walk. l. c. IV. 169. 229. — Macassar.
- **pinguis** Walk. l. c. VIII. 128. 69. — New Guinea.
- **dorsalis** Walk. l. c. VIII. 128. 70. — New Guinea.
- **insulana** Schin. Dipt. Nov. Reise, 240. 24. — Nicobar islands.
- **lineata** v. d. Wulp, Dipt. Sum. exp. 57. 1. — Sumatra.
- **hypocausta** Ost. Sack. Berl. Ent. Zeitschr. XXVI. 245. — Philippines.
- **nigropunctata** v. d. Wulp, Tijdschr. v. Ent. XXXIV. 216. — Java.

Diplocentra Löw.

Zeitschr. Verein. Schles. Insektenk. XIII (1859).

D. **arenata** Ost. Sack. Berl. Ent. Zeitschr. XXVI. 244. — Philippines.

BORBORINAE.

Coelopa Meig.

Syst. Beschr. VI. 8 (1830).

C. orientalis Macq. Dipt. exot. II. 3. 266. pl. 33 f. 6. — Java.

- **inconspicua** Walk. Proc. Linn. Soc. III. 108. 111. — Aroe.

Borborus Meig.

Illig. Magaz. II. 276 (1803).

B. punctipennis Wied. Anal. ent. 59. 138 (*Copromyza*); id. Auss. Zweifl. II. 599. 2. — East India, Mysol.

Cotamba Walk.

Proc. Linn. Soc. V. 246 (1861).

C. fumifera Walk. Proc. Linn. Soc. V. 247. 59 and 291. 80; id. VII. 218. 76. — Batjan, Mysol, New Guinea.

Tendeba Walk.

Proc. Linn. Soc. VIII. 117 (1865).

T. testacea Walk. Proc. Linn. Soc. VIII. 118. 44. — New Guinea.

OCHTHIPHILINAE.

Ochthiphila Fall.

Ochthid. 9 (1823).

O. discoglauca Walk. Proc. Linn. Soc. IV. 147. 169. — Macassar.

Milichia Meig.

Illig. Magaz. II. 280 (1803).

M. minuta Walk. Proc. Linn. Soc. VIII. 129. 71. — New Guinea.

AGROMYZINAE.

Agromyza Fall.

Agromyz. 3 (1823).

A. **tristella** Thoms. Dipt. Eugen. Resa, 609. 314. — China.

PHORIDAE.

Phora Latr.

Précis caract. génér. Ins. 169 (1796).

Ph. **peregrina** Wied. Auss. Zweifl. II. 600 (*Trineura*). — China.
- **bifasciata** Walk. Proc. Linn. Soc. IV. 238. 238. — Macassar.
- **sinensis** Schin. Dipt. Nov. Reise, 224. 2. — China.
- **orientalis** Schin. l. c. 224. 3. — Nicobar islands.
- **Cleghorni** Big. Ind. Mus. Notes, I. 191. — British India (parasitous in *Tricolyga bombycis* Bech.)

Pallura Walk.

Proc. Linn. Soc. III. 127 (1859).

P. **invaria** Walk. Proc. Linn. Soc. III. 127. 166. — Aroe.

DIPTERA PUPIPARA.

HIPPOBOSCIDAE.

Hippobosca Linn.

Faun. Suec. 471 (1761).

H. **variegata** Wied. Auss. Zweifl. II. 603. 2. — Bengal, etc.
- **sitiens** Boisd. Voyage de l'Astrolabe, Zool. II. 667. pl. 12 f. 16. — Celebes.
- **bipartita** Macq. Dipt. exot. II. 3. 275. 2. — Pondichery.
- **orientalis** Macq. l. c. II. 3. 275. 3. pl. 36 f. 6. — East India.

Hippobosca Sivae Big. Ann. Soc. Ent. France, 6. V. 235. — East India.

- **Calopsis** Big. l. c. 6. V. 236. — Ceylon.

Olfersia Leach.

Edimb. Encycl. XI (1819).

O. spinifera Leach, Eprobosc. Ins. II. 1 (*Feronia*); Wied. Auss. Zweifl. II. 607. 2; Schin. Dipt. Nov. Reise, 273. 2; v. d. Wulp, Tijdschr. v. Entom. XIII. 193. 53. — Java.

- **longipalpis** Macq. Suit. à Buff. II. 640. 2. — Java.
- **aenescens** Thoms. Dipt. Eugen. Resa, 610. 317. — Isl. Keeling.
- **papuana** Rond. Ann. Mus. Gen. XII. 162. — New Guinea.

Ornithomyia Latr.

Hist. nat. Crust. et Ins. XIV. 402 (1804).

O. nigricans Leach, Eprobosc. Ins. 12. 2; Wied. Auss. Zweifl. II. 609. 3; v. d. Wulp, Dipt. Sum. exp. 57. 1; v. Röder, Entom. Nachr. XIX. 236. 29. — Bengal, Ceylon, Sumatra.

- **Columbae** Wied. Anal. ent. 60. 119; id. Auss. Zweifl. II. 609. 4. — Java.
- **parva** Macq. Dipt. exot. II. 3. 279. 3.

  This species from Brazil or Chili (Macquart) is mentioned here, because Walker (Proc. Linn. Soc. III. 127. 167), though with doubt, has identified with it a specimen from the Aroe islands.
- **asiatica** Macq. Dipt. exot. supp. 4. 309. 6. — Asia.
- **doreica** Walk. Proc. Linn. Soc. V. 254. 79. — New Guinea.
- **exilis** Walk. l. c. V. 254. 80 — New Guinea.
- **plana** Walk. l. c. V. 254. 81. — New Guinea.
- **simplex** Walk. l. c. V. 263. 19. — Celebes.
- **obscurata** Walk. l. c. V. 270. 25. — Tondano.
- **batchianica** Walk. l. c. V. 300. 103; id. VI. 17. 59; id. VII. 222. 100 and 238. 42; Rond. Ann. Mus. Gen. XII. 158; Ost. Sack. Berl. Ent. Zeitschr. XXVI. 246. — Batjan, Gilolo, Mysol, Ceram, Philippines; also Australia.
- **javana** Jaenn. Neue exot. Dipt. 98. 133. pl. 2 f. 14. — Java.
- **audaiensis** Rond. Ann. Mus. Gen. XII. 155. — New Guinea.
- **batamensis** Rond. l. c. XII. 158. — New Guinea.

Ornithoica Rond.

Ann. Mus. Gen. XII. 159 (1878).

O. Beccariina Rond. Ann. Mus. Gen. XII. 160. — Amboina, on *Ardea alba*.

Myiophthiria Rond.

Ann. Mus. Gen. VII. 464 (1875).

M. reduvioides Rond. Ann. Mus. Gen. VII. 464; id. XII. 154. — Borneo.
- **capsoides** Rond. l. c. XII. 154; Ost. Sack. Berl. Ent. Zeitschr. XXVI. 246. — Philippines.
- **lygaeoides** Rond. Ann. Mus. Gen. XII. 155. — Amboina.

NYCTERIBIDAE.

Raymondia Frauenf.

Sitz.ber. k.k. Acad. Wiss. Wien, XVIII. 331 (1855).

R. Huberi Frauenf. l. c. XVIII. 331. — Madras.
- **Kollari** Frauenf. l. c. XVIII. 389. — Madras.

Brachytarsina Macq.

Dipt. exot. supp. 4. 307 (1851).

Br. amboinensis Rond. Ann. Mus. Gen. XII. 166. — Amboina.

Nycteribia Latr.

Hist. nat. Crust. et Ins. XIV. 403 (1804).

N. dubia Westw. Transact. Zool. Soc. I. 289; Walk. Proc. Linn. Soc. V. 270. 26. — Tondano, Philippines.
- **Roylii** Westw. Transact. Zool. Soc. I. 290. — India.
- **parilis** Walk. Proc. Linn. Soc. V. 300. 104. — Batjan.
- **Albertisi** Rond. Ann. Mus. Gen. XII. 150. — Goram.
- **Ferrarii** Rond. l. c. XII. 151. — Java.
- **minuta** v. d. Wulp, Dipt. Sum. exp. 58. 2. — Sumatra.

Cyclopodia Kolen.

Horae Soc. Ent. Ross. II. 82 (1863).

C. Sykesii Westw. Trans. Zool. Soc. I. 288. 1. pl. 36 f. 1—25 (*Nycteribia*); Kolen. Paras. der Chiropt. 46. 14 (*Nycteribia*); id. Hor. Soc. Ent. Ross. II. 82. — India.

- **Hopei** Westw. Trans. Zool. Soc. I. 289. pl. 36 f. 26—28 (*Nycteribia*); Kolen. Paras. der Chiropt. 45. 13 (*Nycteribia*); id. Hor. Soc. Ent. Ross. II. 83. — Bengal.
- **Jenynsii** Westw. Trans. Zool. Soc. I. 291; Macq. Dipt. exot. II. 3. 281. pl. 36 f. 11; Schin. Dipt. Nov. Reise, 375; Rond. Ann. Mus. Gen. XII. 151; v. d. Wulp, Dipt. Sum. exp. 58. 1 (*Nycteribia*); Kolen. Hor. Soc. Ent. Ross. II. 88. — China, Ceylon, Sumatra, Amboina. On *Rhinolophus eurynotis* (Rond.).

Polyctenes Giglioli.

Quart. Journ. of microscop. science, IV. 23 (1864).

P. molossus Gigl. Quart. Journ. of microsc. science, IV. 23. — China.

- **Lyrae** Waterh. Trans. Ent. Soc. 1879. 311. — Secunderabad (Madras), on *Megaderma lyra*.
- **Spasmae** Waterh. l. c. 1879. 312. — Java, on *Megad. spasma*.

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OF

FAMILIES AND GENERA.

The number immediately after the name refers to the page; the second denotes how many species are mentioned in each genus.

Synonymous generic names are printed in italics.

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CORRECTIONS AND ADDITIONS.

P. 1. l. 14. — vol. II. Read vol III.
- 25. l. 15. — p. 194. Read p. 144.
- 25. l. 14 from bottom. — Makiam, Tibon. Read Makian, Tidon.
- 26. l. 3 from bottom. — Add to the works of C. R. W. Wiedemann: Monographia generis Midarum, Kiel, 1829.
- 55. l. 2 from bottom. — Add to **Ptilocera smaragdina**: Walk. Proc. Linn. Soc. IV. 94. 11. — Celebes.
- 68. l. 3 from bottom. — Add to **Thereva congrua**: Walk. Proc. Linn. Soc. IV. 111. 59. — Celebes.
- 69. l. 4. — **Psilocephala indica** Big. — In Bigot's Catalogue (Journ. Asiat. Soc. of Bengal, vol. LXI. p. 154) the name of this species is changed to "**Bigoti**".
- 75. l. 10 from bottom. — Add to **Mydas ruficornis**: Wied. Monogr. gen. Midarum, 46. 11. pl. LII f. 11.
- 80. l. 10. — Add to **Microstylum flaviventre**: Macq. Dipt. exot. supp. 5. 48. — China.
- 81. l. 14 from bottom. — Add to **Dasypogon honestus**: Walk. Proc. Linn. Soc. V. 277. 24. — Batjan.
- 83. l. 3. — Add to **Laphria scapularis**: Walk. Proc. Linn. Soc. III. 84. 24. — Aroe.
- 87. l. 9 from bottom. — Add to **Maira aurifacies**: Walk. Proc. Linn. Soc. III. 84. 25. — Aroe.
- 92. l. 17. — Add to **Promachus albopilosus** Rond: Nomen bis lectum, as there was a *Promachus* (*Trupanea*) *albopilosus* Macq. (Dipt. exot. supp. 5. 57. 53) from North China.

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